User guide for better design survey

The data presented here is accurate to the best of our knowledge, but should any errors be found we would welcome feedback, and will make adjustments accordingly in a future version.

Copyright University of Cambridge. Contact sam.waller@eng.cam.ac.uk

Acknowledgements

This document was prepared by Sam Waller. The survey design was led by Raji Tenneti and Felicia Huppert from the Well-being Institute and the Department of Psychiatry, University of Cambridge, with major input from Sam Waller and Joy Goodman-Deane, from the Engineering Design Centre, University of Cambridge. There were also valuable inputs from Pat Langdon, Ian Hosking, and John Clarkson (Engineering Design Centre), Eddy Elton and Colette Nicolle (Loughborough Design School, Loughborough University), as well as Yanki Lee and Jeremy Myerson (Royal College of Art, Helen Hamlyn Centre for Design). The survey was carried out by the National Centre for Social Research (NatCen), which also undertook preliminary data analysis. More detailed analysis was undertaken by Sam Waller and Raji Tenneti, assisted by Joy Goodman-Deane and Kai Ruggeri. The survey was conducted as part of the i~design 3 project, funded by the Engineering and Physical Sciences Research Council (RG45089), led by John Clarkson and managed by Pat Langdon at the Engineering Design Centre. Preparing the dataset and documentation for deposit at the UK data archive was funded by KT-EQUAL (RG58070).

Abstract

This survey is one outcome of the i~design research programme, which aimed to provide population-based data on user abilities that can better inform product design. A specific objective was to understand how decisions made by industrial designers have an impact on the number of people who will have difficulty with their products. The survey gathered information on general health, vision, hearing, mobility, reach, dexterity, cognitive function, anthropometrics, demographics, technology experience and psychological resources. Collecting all these measures within a single survey helps to understand co-occurring ability losses and their impact on product interactions.

In preparation for sourcing funding for a larger survey, this was a pilot survey intended to demonstrate proof of concept in terms of:

- measures that are feasible to obtain by a team of interviewers visiting people in their own homes
- the measurement, quality and usefulness of the data gathered.

990 addresses were sampled from the postcode address file and visited by interviewers. There were 362 valid responses.

Introduction

This file contains the results documentation for the Better Design Survey, and accompanies the SPSS file and the NatCen technical report. In particular, Section 1 of the NatCen technical report gives a summary of the objectives and background of the survey, and the measures used. The appendices of the technical report contain the show cards, and the documentation used to program the Computer Assisted Personal Interviewing (CAPI) survey. The audio files used to test hearing in the survey are included in the separate file "hearing files.zip".

Section 1 of this document contains the results from the survey, displayed as unweighted frequency counts, and presented in the same order as the questions were asked survey. These results should be considered together with the appendices of the NatCen technical report, which contains the show cards, programming details for the computer-based survey administration, and the protocols for running the performance tests.

Most of the questions within this survey were programmed so that interviewers entered a numerically coded answer. However, a small minority of open-ended questions were also asked, and the interviewers entered the answers as descriptive text.

When combining the results from all the interviewers, the numerical codes and the descriptive text were treated separately. The numerically coded responses are all included within the accompanying SPSS file. The textual descriptions are included within Section 2 of this document, although the text describing each participant's occupation has been removed to ensure the results are anonymous. If you have specific need for the occupation data, please contact sam.waller@eng.cam.ac.uk

The SPSS data file contains the data directly obtained from the interviewers' laptops, together with a significant degree of postprocessing. Where possible, all of the numerical computations performed on the dataset were logged by keeping an archive of the SPSS syntax, which is included at the end of this document (Section 4). If you want to know how a particular variable was computed, search through this section for the variable name.

Unfortunately, the postprocessing revealed that some of the vision results were self-contradictory. This internal contradiction could only have occurred either through: interviewers incorrectly entering data or interviewers not correctly following their on-screen instructions

It was not possible to determine exactly which errors occurred, and how many times. The researchers who designed the survey subsequently scrutinised all the Recording Booklets (described in the appendix to the NatCen technical report). This information was used together with the data that the interviewers entered, in order to try to validate all of the vision data, and to reconstruct corrupted data where possible, and code the data as missing if it failed the validation check and could not be reconstructed. This process was documented in detail within Section 3 of this document.

Contents

1. Results
    - Household grid
    - General health
    - Vision
    - Hearing
    - Dexterity
    - Mobility
    - Reach and stretch
    - Cognitive function
    - Technology experience
    - Product use
    - Psychological resources
    - Interface style experience
    - Anthropometrics
    - Demographics
2. Text comments inputted by interviewers
3. Protocol used for recoding corrected vision variables
4. SPSS syntax for most of the operations performed to produce the process dataset (the exact details of the missing operations are provided at the start of this section)

Additionally, the NatCen technical report contains the following in its appendices

- Advance Letter
- Address Record Form
- Interviewer measurement booklet
- Protocol for Interviewers
- Leaflet used by interviewers to help sell the survey
- Showcards
- Documentation used to program the survey

Section 1: RESULTS

IMPORTANT NOTE: Some variables were programmed into the survey, but never existed in the results because their corresponding conditional statements were never met. These variables are not included in this documentation.

This documentation only includes non-zero frequency counts, so does not necessarily show all of the options that participants had available to them. The full list of options for every question is contained within the documentation used to program the survey, which is Appendix B of the accompanying "NatCen technical report.pdf".

HOUSEHOLD GRID

{ASK ALL}

Serial

Automatically generated serial number of participant

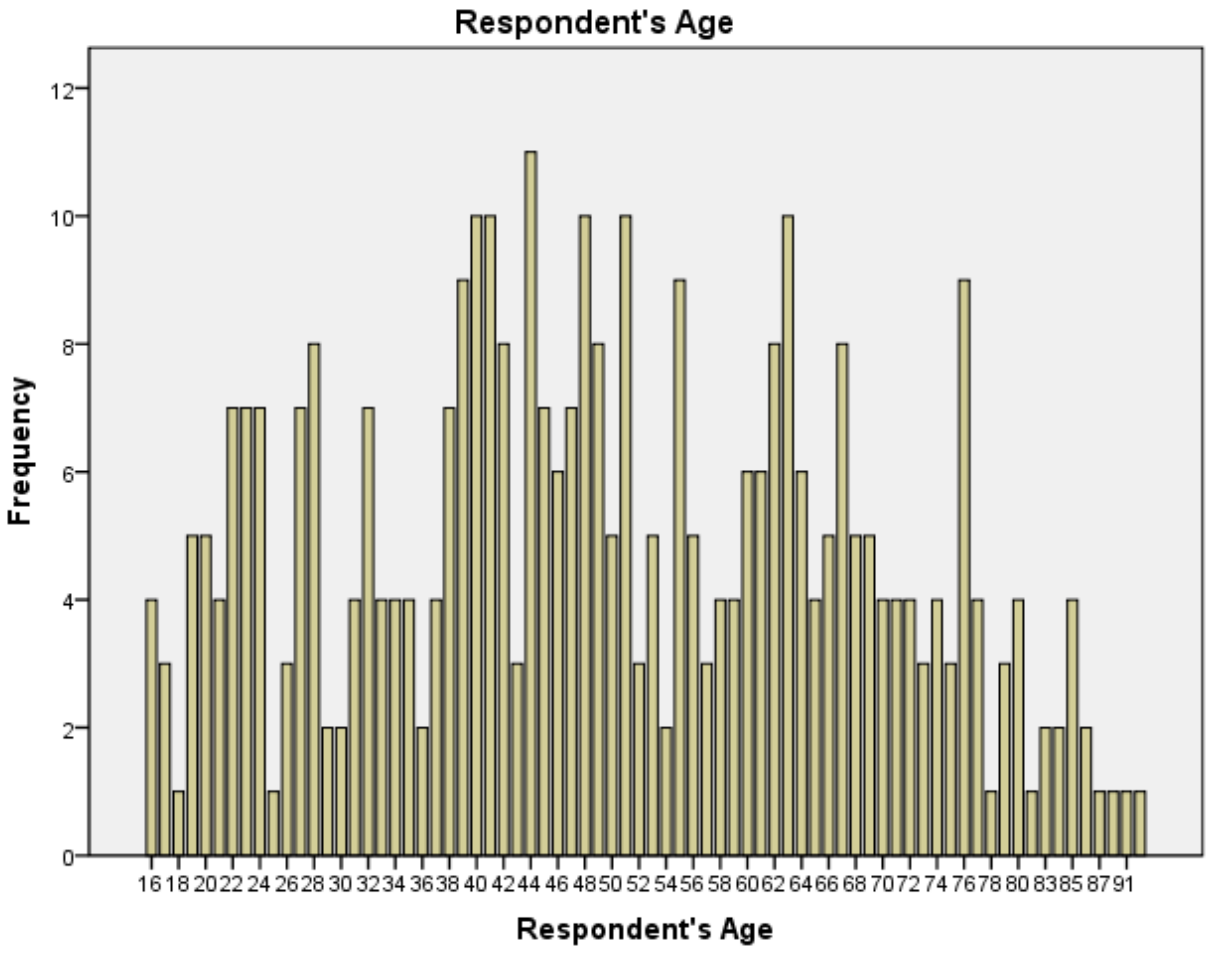
{ASK ALL}

JR_RespAge

Respondent's Age

JR_RespAge Respondent's Age

N	Valid	362
	Missing	0
Mean		49.53
Std. Deviation		18.417



SW_AgeCategory10 (aggregate)

Respondent's age in ten-year bands

SW_AgeCategory10 Respondent's age in ten-year bands

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 16-24	43	11.9	11.9	11.9
	2.00 25-34	42	11.6	11.6	23.5
	3.00 35-44	68	18.8	18.8	42.3
	4.00 45-54	63	17.4	17.4	59.7
	5.00 55-64	61	16.9	16.9	76.5
	6.00 65-74	46	12.7	12.7	89.2
	7.00 75+	39	10.8	10.8	100.0
	Total	362	100.0	100.0	

{ASK ALL}

JD_RespSex

Sex of the respondent

Respondent's Sex

JD_RespSex Respondent's Sex

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	168	46.4	46.4	46.4
	2 Female	194	53.6	53.6	100.0
	Total	362	100.0	100.0	

{ASK ALL}

JR_RespMar *(Aggregate variable)*
Respondent's Marital Status

JR_RespMar Respondent's Marital Status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 single, that is, never married	112	30.9	30.9	30.9
	2 married and living with your husband/wife	164	45.3	45.3	76.2
	3 a civil partner in a legally-recognised Civil Partnership	1	.3	.3	76.5
	4 married and separated from your husband/wife	10	2.8	2.8	79.3
	5 divorced	42	11.6	11.6	90.9
	6 widowed	33	9.1	9.1	100.0
	Total	362	100.0	100.0	

{IF more than one person in the household AND JR_RespMar =1,4,5,6,7,8,9}
SW_RespLivW

ASK OR RECORD
May I just check, are you/ is (name) living with someone in this household as a couple?

SW_RespLivW Whether Respondent lives with someone as a couple

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 yes	25	6.9	29.1	29.1
	2 no	61	16.9	70.9	100.0
	Total	86	23.8	100.0	
Missing	-81 Not asked: Only one person in household	111	30.7		
	-80 Not asked: married and living or civil partner in partnership	165	45.6		
	Total	276	76.2		
Total		362	100.0		

GENERAL HEALTH

{ASK ALL}
GenHel

SHOWCARD B
General health – Firstly, I would like to ask how is your health in general?

GenHel General health

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very good	123	34.0	34.0	34.0
	2 Good	156	43.1	43.1	77.1
	3 Fair	64	17.7	17.7	94.8
	4 Poor	18	5.0	5.0	99.7
	5 Very poor	1	.3	.3	100.0
	Total	362	100.0	100.0	

VISION

{ASK ALL}
Show CARD E

Vision conditions - Please tell me if you currently have any of the conditions listed on this card?
CODE ALL THAT APPLY

Viscon1 Vision Condition: No vision condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	76	21.0	21.0	21.0
	1 Mentioned	286	79.0	79.0	100.0
	Total	362	100.0	100.0	

Viscon2 Vision Condition: Red Green Colour blindness

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	352	97.2	97.2	97.2
	1 Mentioned	10	2.8	2.8	100.0
	Total	362	100.0	100.0	

Viscon3 Vision Condition: Other colour blindness

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	360	99.4	99.4	99.4
	1 Mentioned	2	.6	.6	100.0
	Total	362	100.0	100.0	

Viscon4 Vision Condition: Macular degeneration

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	354	97.8	97.8	97.8
	1 Mentioned	8	2.2	2.2	100.0
	Total	362	100.0	100.0	

Viscon5 Vision Condition: Glaucoma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	355	98.1	98.1	98.1
	1 Mentioned	7	1.9	1.9	100.0
	Total	362	100.0	100.0	

Viscon6 Vision Condition: Retinitis pigmentosa

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	362	100.0	100.0	100.0

Viscon7 Vision Condition: Diabetic retinopathy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	356	98.3	98.3	98.3
	1 Mentioned	6	1.7	1.7	100.0
	Total	362	100.0	100.0	

Viscon8 Vision Condition: Cataract

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	339	93.6	93.6	93.6
	1 Mentioned	23	6.4	6.4	100.0
	Total	362	100.0	100.0	

Viscon9 Vision Condition: Other vision condition (SPECIFY at next question)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Not mentioned	330	91.2	91.2	91.2
	1 Mentioned	32	8.8	8.8	100.0
	Total	362	100.0	100.0	

{IF VisCon=9} 32

VisConO (located in Section 2)

What was that?

{ASK ALL}

VisConH

VisconH Whether SHOWCARD E was read by the respondent, or read to the respondent by the interviewer

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent read showcard E	351	97.0	97.0	97.0
	2 Interviewer read showcard E to respondent	11	3.0	3.0	100.0
	Total	362	100.0	100.0	

{ASK ALL}

MajVis

Majority Vision Aid - Looking at showcard F, which of the following, if any, do you use for the majority of the day? CODE ONE ONLY

MajVis What vision aids is used for the majority of the day

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No vision aid used	201	55.5	55.5	55.5
	2 Normal glasses	53	14.6	14.6	70.2
	3 Contact lenses	13	3.6	3.6	73.8
	4 Bifocals or varifocal glasses	74	20.4	20.4	94.2
	5 Reading glasses	21	5.8	5.8	100.0
	Total	362	100.0	100.0	

SW_DiffAidForReading (aggregated variable)

SW_DiffAidForReading Do you use a different setup of visual aids for reading?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 yes	95	26.2	26.3	26.3
	2 no	266	73.5	73.7	100.0
	Total	361	99.7	100.0	
Missing	-8 Dont Know	1	.3		
Total		362	100.0		

SW_DiffAidForDistance (aggregated variable)

Do you use a different setup of visual aids for distance?

SW_DiffAidForDistance Do you use a different setup of visual aids for distance?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 yes	45	12.4	12.5	12.5
	2 no	315	87.0	87.5	100.0
	Total	360	99.4	100.0	
Missing	-8 Dont Know	2	.6		
Total		362	100.0		

{ASK ALL}

Bright

Bright light - Do you have no difficulty, some difficulty or great difficulty with bright lights dazzling you at night? For example, car headlights.

Bright What difficulty with bright lights dazzling at night

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No difficulty	246	68.0	68.0	68.0
	2 Some difficulty	99	27.3	27.3	95.3
	3 Great difficulty	17	4.7	4.7	100.0
	Total	362	100.0	100.0	

{ASK ALL}
Night

Night vision - Looking at showcard G, how easy or difficult do you find it to read a bus timetable at night under street lighting?

{ASK ALL}
Night

Night vision - Looking at showcard G, how easy or difficult do you find it to read a bus timetable at night under street lighting?

Night How easy or difficult to read a bus timetable at night under street lights

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	54	14.9	15.0	15.0
	2 Easy	91	25.1	25.2	40.2
	3 Neither easy nor difficult	40	11.0	11.1	51.2
	4 Difficult	54	14.9	15.0	66.2
	5 Very difficult	23	6.4	6.4	72.6
	6 Impossible	9	2.5	2.5	75.1
	7 I don t have any experience of that	90	24.9	24.9	100.0
	Total	361	99.7	100.0	
Missing	-8 Don't Know	1	.3		
Total		362	100.0		

{ASK ALL}
LimVis

Limitations vision - Because of your eyesight, how limited are you in doing your daily activities? Are you...*READ OUT…*

Respondents should take into account any visual aids they usually wear

LimVis How limited in doing your daily activities because of eyesight

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all limited	324	89.5	89.5	89.5
	2 Somewhat limited	34	9.4	9.4	98.9
	3 Very limited?	4	1.1	1.1	100.0
	Total	362	100.0	100.0	

{IF LimVis=2 OR 3} 38
SW_SocVis

Social isolation vision- In general, how socially isolated do you feel because of your eyesight? Are you...*READ OUT…*

Respondents should take into account any visual aids they usually wear

SW_SocVis How socially isolated because of your eyesight

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all isolated	30	8.3	78.9	78.9
	2 Somewhat isolated	8	2.2	21.1	100.0
	Total	38	10.5	100.0	
Missing	-19 Not asked: no vision limitations	324	89.5		
Total		362	100.0		

{ASK ALL}
VisIntro

VisIntro Whether consents to near vision test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to near-vision eyesight measurements	358	98.9	98.9	98.9
	2 Respondent refuses near-vision eyesight measurements	1	.3	.3	99.2
	3 Unable to measure near-vision eyesight for reason other than	3	.8	.8	100.0
	Total	362	100.0	100.0	

{IF VisIntro=2} 1
VisIntRf (located in Section 2)

Please record reason for refusal:

{IF VisIntro=3} 3
VisIntUn (located in Section 2)

Please record reason unable to take part in measurement:

{IF VisIntro=1} 358
SW_DayNight
Code whether the test was done in daylight or at night time

SW_DayNight Whether vision tests done in daylight or at night time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Day time	305	84.3	85.2	85.2
	2 Night time	53	14.6	14.8	100.0
	Total	358	98.9	100.0	
Missing	-19 Not asked: no consent	4	1.1		
Total		362	100.0		

{IF VisIntro=1}358
SW_Light

Code lighting conditions in the room where all vision tests take place.

SW_Light Level of lighting conditions in room during vision tests

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very bright	63	17.4	17.6	17.6
	2 Adequate	286	79.0	79.9	97.5
	3 Poor	9	2.5	2.5	100.0
	Total	358	98.9	100.0	
Missing	-19 Not asked: no consent	4	1.1		
Total		362	100.0		

JD_NVHighComfMaj *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Comfort (High [70%] contrast) Participant wearing whatever setup all visual aids that they use for the majority of the day

Letter size (mm) of the comfort row

JD_NVHighComfMaj Near Vision Comfort (High [70%] contrast) Majority of day setup: Letter size (mm) of the comfort row

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	36	9.9	10.1	10.1
	.80	89	24.6	24.9	34.9
	1.00	55	15.2	15.4	50.3
	1.20	52	14.4	14.5	64.8
	1.45	32	8.8	8.9	73.7
	1.80	32	8.8	8.9	82.7
	2.30	21	5.8	5.9	88.5
	2.90	19	5.2	5.3	93.9
	3.70	12	3.3	3.4	97.2
	4.70	7	1.9	2.0	99.2
	5.90	3	.8	.8	100.0
	Total	358	98.9	100.0	
Missing	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

{IF NearVis3= row 1 – row 12} 358
SW_NearVisD
Record approximate viewing distance:

SW_NearVisD Viewing distance of Comfort Near Vision - High [70%] contrast

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 extremely close to nose	15	4.1	4.2	4.2
	2 arm outstretched as far as possible	27	7.5	7.5	11.7
	3 somewhere in between (normal)	316	87.3	88.3	100.0
	Total	358	98.9	100.0	
Missing	-89 test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

{IF NearVis3= row 1 to row 12} 358
SW_NVError
Comfort near vision (High [70%] contrast success)

Please recode whether the respondent correctly read out all letters on the row or not.

SW_NVError Number of errors in Comfort Near Vision - High [70%] contrast

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent made 1 error or no errors	341	94.2	95.3	95.3
	2 Respondent made 2 or more errors	17	4.7	4.7	100.0
	Total	358	98.9	100.0	
Missing	-89 test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVHighThresMaj *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Threshold (High [70%] contrast). Participant wearing whatever setup all visual aids that they use for the majority of the day

Letter size (mm) of smallest row read correctly

JD_NVHighThresMaj Near Vision Threshold (High [70%] contrast) Majority of day setup: Letter size (mm) of smallest row read correctly

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	70	19.3	22.5	22.5
	.80	89	24.6	28.6	51.1
	1.00	54	14.9	17.4	68.5
	1.20	27	7.5	8.7	77.2
	1.45	15	4.1	4.8	82.0
	1.80	20	5.5	6.4	88.4
	2.30	16	4.4	5.1	93.6
	2.90	9	2.5	2.9	96.5
	3.70	6	1.7	1.9	98.4
	4.70	2	.6	.6	99.0
	5.90	2	.6	.6	99.7
	7.40	1	.3	.3	100.0
	Total	311	85.9	100.0	
Missing	-253.00 Interviewer terminated vision test when participant made 1 error instead of 2	12	3.3		
	-252.00 Unable to reconstruct data from booklet and original SPSS file	28	7.7		
	-251.00 Recording booklet missing and SPSS data inconsistent	3	.8		
	-250.00 Interviewer sent participant wrong way up/down vision chart	3	.8		

	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	-8.00 Do not know	1	.3		
	Total	51	14.1		
Total		362	100.0		

SW_disNVHCmajth
(Recoded data)

Corrected distance of near vision High [70%] contrast majority setup threshold level

SW_disNVHCmajth distance of near vision High [70%] contrast majority threshold

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 extremely close to nose	31	8.6	10.0	10.0
	2 arm outstretched as far as possible	24	6.6	7.7	17.7
	3 somewhere in between (normal)	256	70.7	82.3	100.0
	Total	311	85.9	100.0	
Missing	-253 Interviewer terminated threshold vision test when participant made 1 error instead of 2	12	3.3		
	-252 Unable to reconstruct threshold data from booklet and original SPSS file	28	7.7		
	-251 Recording booklet missing and SPSS threshold data inconsistent	3	.8		
	-250 Interviewer sent participant wrong way up/down vision chart	3	.8		
	-89 test not performed: string file indicates self-reported dyslexia	1	.3		

	-26 Not asked: letter test coded dont know	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	51	14.1		
Total		362	100.0		

JD_NVLowComfMaj *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Comfort (Low [30%] contrast) Participant wearing whatever setup all visual aids that they use for the majority of the day

Letter size (mm) of the comfort row

JD_NVLowComfMaj Near Vision Comfort (Low [30%] contrast) Majority of day setup: Letter size (mm) of the comfort row

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	15	4.1	4.2	4.2
	.80	44	12.2	12.3	16.5
	1.00	54	14.9	15.1	31.6
	1.20	68	18.8	19.0	50.6
	1.45	52	14.4	14.5	65.1
	1.80	45	12.4	12.6	77.7
	2.30	31	8.6	8.7	86.3
	2.90	19	5.2	5.3	91.6
	3.70	15	4.1	4.2	95.8
	4.70	7	1.9	2.0	97.8
	5.90	5	1.4	1.4	99.2
	7.40	2	.6	.6	99.7
	9.20	1	.3	.3	100.0
	Total	358	98.9	100.0	
Missing	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

{IF LowVis2=row 1 – row 12} 357
SW_LowVisD
Record approximate viewing distance:

SW_LowVisD Viewing distance of Comfort Near Vision - Low [30%] contrast

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 extremely close to nose	23	6.4	6.4	6.4
	2 arm outstretched as far as possible	24	6.6	6.7	13.2
	3 somewhere in between (normal)	310	85.6	86.8	100.0
	Total	357	98.6	100.0	
Missing	-89 test not performed: string file indicates self-reported dyslexia	1	.3		
	-21 Not asked: didnt even try to read largest row on comfort test	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	5	1.4		
Total		362	100.0		

{IF LowVis2=row 1 to row 12} 357
SW_LVError

Comfort near vision (Low [30%] contrast success)

Please recode whether the respondent correctly read out all letters on the row or not.

SW_LVError Number of errors in Comfort Near Vision - Low [30%] contrast

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent made one error or no errors	321	88.7	89.9	89.9
	2 Respondent made two or more errors	36	9.9	10.1	100.0
	Total	357	98.6	100.0	
Missing	-89 test not performed: string file indicates self-reported dyslexia	1	.3		
	-21 Not asked: didnt even try to read largest row on comfort test	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	5	1.4		
Total		362	100.0		

1) ***Near Vision – Using Reading Vision Aid***

{IF MajVis1a=1 OR MajVis2a=1 OR MajVis3a=1 OR MajVis4a=1 OR MajVis5a=1 OR MajVis6a=1} 95
SW_ReadVis1

SW_ReadVis1 Whether consents to near vision test with vision aid

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 respondent agrees to test	90	24.9	94.7	94.7
	3 respondent does not have visual aid to hand to perform test	4	1.1	4.2	98.9
	4 Respondent unable to take part for other reason	1	.3	1.1	100.0
	Total	95	26.2	100.0	
Missing	-27 Not asked: does not use alternative setup for reading	267	73.8		
Total		362	100.0		

{IF ReadVis1=4} 1
RdVis1Naid (located in Section 2)

Please record reason unable to take part in measurement:

{IF ReadVis1=1} 90

SW_ReadVis2

Code which visual aid respondent uses for the repeated test:

SW_ReadVis2 Type of vision aid used for repeated near vision test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Neither glasses nor magnifier used	9	2.5	10.0	10.0
	2 Glasses used	81	22.4	90.0	100.0
	Total	90	24.9	100.0	
Missing	-200 Not asked: unable to take part for another reason	1	.3		
	-29 Not asked: does not have vision aid to hand	4	1.1		
	-27 Not asked: does not use alternative setup for reading	267	73.8		
	Total	272	75.1		
Total		362	100.0		

JD_NVHighComfBest *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Comfort (High [70%] contrast) Best available setup
*if participants **did not use** a different setup or visual aids for reading, this score reflects their reading ability with the setup that they used to the majority of the day*
*if participants **did use** a different setup of visual aids the reading, this score reflects their best performance with either setup (some people did worse on the near vision test with their reading specific setup*

Letter size (mm) of the row that participants indicated was comfortable to read

JD_NVHighComfBest Near Vision Comfort (High [70%] contrast) Best available setup: Letter size (mm) of the comfort row

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	45	12.4	12.6	12.6
	.80	114	31.5	31.8	44.4
	1.00	68	18.8	19.0	63.4
	1.20	53	14.6	14.8	78.2
	1.45	36	9.9	10.1	88.3
	1.80	18	5.0	5.0	93.3
	2.30	9	2.5	2.5	95.8
	2.90	9	2.5	2.5	98.3
	3.70	3	.8	.8	99.2
	4.70	2	.6	.6	99.7
	5.90	1	.3	.3	100.0
	Total	358	98.9	100.0	
Missing	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVHighComfBestD *(aggregate variable)*

Near Vision Comfort (High [70%] contrast) Best available setup:

Approximate viewing distance

JD_NVHighComfBestD Near Vision Comfort (High [70%] contrast) Best available setup: Approximate viewing distance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Extremely close to nose	19	5.2	5.3	5.3
	2 Arm outstretched as far as possible	24	6.6	6.7	12.0
	3 Somewhere in between (normal)	315	87.0	88.0	100.0
	Total	358	98.9	100.0	
Missing	-89 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVHighComfBest_Error *(aggregate variable)*

Near Vision Comfort (High [70%] contrast) Best available setup:

Was comfort row read correctly?

JD_NVHighComfBest_Error Near Vision Comfort (High [70%] contrast) Best available setup: Was comfort row read correctly?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Correct: Respondent made one error, or no errors	342	94.5	95.5	95.5
	2 Incorrect: Respondent made 2 or more errors	16	4.4	4.5	100.0
	Total	358	98.9	100.0	
Missing	-89 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVHighThresBest *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Threshold (High [70%] contrast) Best available setup

Near Vision Comfort (High [70%] contrast) Best available setup

*if participants **did not use** a different setup or visual aids for reading, this score reflects their reading ability with the setup that they used to the majority of the day*
*if participants **did use** a different setup of visual aids the reading, this score reflects their best performance with either setup (some people did worse on the near vision test with their reading specific setup*

Letter size (mm) of smallest row read correctly

JD_NVHighThresBest Near Vision Threshold (High [70%] contrast) Best available setup: Letter size (mm) of smallest row read correctly

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	82	22.7	26.4	26.4
	.80	106	29.3	34.1	60.5
	1.00	62	17.1	19.9	80.4
	1.20	27	7.5	8.7	89.1
	1.45	10	2.8	3.2	92.3
	1.80	11	3.0	3.5	95.8
	2.30	4	1.1	1.3	97.1
	2.90	2	.6	.6	97.7
	3.70	4	1.1	1.3	99.0
	4.70	1	.3	.3	99.4
	5.90	1	.3	.3	99.7
	7.40	1	.3	.3	100.0
	Total	311	85.9	100.0	
Missing	-253.00 Interviewer terminated vision test when participant made 1 error instead of 2	12	3.3		
	-252.00 Unable to reconstruct data from booklet and original SPSS file	28	7.7		

	-251.00 Recording booklet missing and SPSS data inconsistent	3	.8		
	-250.00 Interviewer sent participant wrong way up/down vision chart	3	.8		
	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	-8.00 Do not know	1	.3		
	Total	51	14.1		
Total		362	100.0		

JD_NVHighThresBestD *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Threshold (High [70%] contrast) Best available setup:

Approximate viewing distance

JD_NVHighThresBestD Near Vision Threshold (High [70%] contrast) Best available setup: Approximate viewing distance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Extremely close to nose	32	8.8	10.3	10.3
	2 Arm outstretched as far as possible	20	5.5	6.4	16.7
	3 Somewhere in between (normal)	259	71.5	83.3	100.0
	Total	311	85.9	100.0	
Missing	-253 Interviewer terminated vision test when participant made 1 error instead of 2	12	3.3		
	-252 Unable to reconstruct data from booklet and original SPSS file	28	7.7		
	-251 Recording booklet missing and SPSS data inconsistent	3	.8		
	-250 Interviewer sent participant wrong way up/down vision chart	3	.8		
	-89 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-26 Not asked: Letter test coded do not know	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	51	14.1		
Total		362	100.0		

JD_NVLowComfBest *(Aggregate variable) [also see p41 of "NatCen Technical Report.pdf"]*

Near Vision Comfort (Low [30%] contrast)
Best available setup

*if participants **did not use** a different setup or visual aids for reading, this score reflects their reading ability with the setup that they used to the majority of the day*
*if participants **did use** a different setup of visual aids the reading, this score reflects their best performance with either setup (some people did worse on the near vision test with their reading specific setup*

Letter size (mm) of the comfort row

JD_NVLowComfBest Near Vision Comfort (Low [30%] contrast) Best available setup: Letter size (mm) of the comfort row

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.60	17	4.7	4.7	4.7
	.80	54	14.9	15.1	19.8
	1.00	71	19.6	19.8	39.7
	1.20	84	23.2	23.5	63.1
	1.45	47	13.0	13.1	76.3
	1.80	54	14.9	15.1	91.3
	2.30	14	3.9	3.9	95.3
	2.90	7	1.9	2.0	97.2
	3.70	6	1.7	1.7	98.9
	4.70	2	.6	.6	99.4
	5.90	1	.3	.3	99.7
	7.40	1	.3	.3	100.0
	Total	358	98.9	100.0	
Missing	-89.00 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19.00 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVLowComfBestD *(Aggregate variable)*

Near Vision Comfort (Low [30%] contrast) Best available setup

Approximate viewing distance

JD_NVLowComfBestD Near Vision Comfort (Low [30%] contrast) Best available setup: Approximate viewing distance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Extremely close to nose	26	7.2	7.3	7.3
	2 Arm outstretched as far as possible	22	6.1	6.1	13.4
	3 Somewhere in between (normal)	310	85.6	86.6	100.0
	Total	358	98.9	100.0	
Missing	-89 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

JD_NVLowComfBest_Error (aggregate variable)

Near Vision Comfort (Low [30%] contrast) Best available setup:
Was comfort row read correctly?

JD_NVLowComfBest_Error Near Vision Comfort (Low [30%] contrast) Best available setup: Was comfort row read correctly?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Correct: Respondent made one error, or no errors	319	88.1	89.1	89.1
	2 Incorrect: Respondent made 2 or more errors	39	10.8	10.9	100.0
	Total	358	98.9	100.0	
Missing	-89 Test not performed: string file indicates self-reported dyslexia	1	.3		
	-19 Not asked: no consent	3	.8		
	Total	4	1.1		
Total		362	100.0		

{ASK ALL}
DisVis1
Code whether you think there is suitable space to be able to perform the distance vision test. You need to be able to place the card at eye level exactly 3 metres away from the respondent

DisVis1 Set up distance vision tests with majority vision aid (1)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, suitable space for distance test	335	92.5	92.5	92.5
	2 No suitable space for distance test	27	7.5	7.5	100.0
	Total	362	100.0	100.0	

{IF DisVis1=1} 335
SW_DisVis2

SW_DisVis2 Whether consents to distance vision test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to distance-vision eyesight measurements	334	92.3	99.7	99.7
	3 Unable to measure distance-vision eyesight for reason other	1	.3	.3	100.0
	Total	335	92.5	100.0	
Missing	-201 Not asked: Not enough space for distance test	27	7.5		
Total		362	100.0		

{IF DisVis2=3} 1
Dsv2Unab (located in Section 2)

Please record reason unable to take part in measurement

{IF MajVis1b=1 OR MajVis2b=1 OR MajVis3b=1 OR MajVis4b=1 OR MajVis5b=1 OR MajVis6b=1} 45
SW_Dglsvis1

2) ***Distance Vision – Using Distance vision aid***

I would now like you to repeat the distance vision test using the specific setup that you use for seeing things at a distance.

SW_Dglsvis1 Whether consents to distance vision test with vision aid

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to test	41	11.3	93.2	93.2
	3 Respondent does not have visual aid to hand to perform test	2	.6	4.5	97.7
	4 Respondent unable to take part for other reason	1	.3	2.3	100.0
	Total	44	12.2	100.0	
Missing	-209 Not asked: does not use a different setup for seeing things at a distance	317	87.6		
	-1 Item not applicable	1	.3		
	Total	318	87.8		
Total		362	100.0		

{IF Dglsvis1=4} 1
DisVisUn (located in Section 2)

Please record reason unable to take part in measurement:

JD_DVComfGen6X (recoded variable)

Distance Vision Comfort General setup *[also see p42 of "NatCen Technical Report.pdf"]*

*if participants **did not use** a different setup or visual aids for distance, this score reflects their reading ability with the setup that they used to the majority of the day*
*if participants **did use** a different setup of visual aids for distance, this score reflects their performance with this distance specific setup*
Equivalent Snellen 6/X value for the comfort row

JD_DVComfGen6X Distance Vision Comfort General setup (aid if they use an aid, majority setup if they do not): Equivalent Snellen 6/X value for the comfort row

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	24.00	3	.8	.9	.9
	19.20	6	1.7	1.8	2.7
	15.00	5	1.4	1.5	4.2
	12.00	15	4.1	4.5	8.7
	9.60	37	10.2	11.1	19.8
	7.50	72	19.9	21.6	41.3
	6.00	94	26.0	28.1	69.5
	4.80	58	16.0	17.4	86.8
	3.90	28	7.7	8.4	95.2
	3.00	16	4.4	4.8	100.0
	Total	334	92.3	100.0	
Missing	-201.00 Not asked: Not enough space for distance test	27	7.5		
	-203.00 Not asked: Unable to measure distance vision for another reason	1	.3		
	Total	28	7.7		
Total		362	100.0		

JD_DVComfGen_Error (aggregate variable)

Distance Vision Comfort General setup

Was comfort row read correctly?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Correct: Respondent made one error, or no errors	294	81.2	88.8	88.8
	2.00 Incorrect: Respondent made 2 or more errors	37	10.2	11.2	100.0
	Total	331	91.4	100.0	
Missing	-204.00 Not asked: Did not even try to read largest row on comfort test	1	.3		
	-203.00 Not asked: Unable to measure distance vision for another reason	1	.3		
	-201.00 Not asked: Not enough space for distance test	27	7.5		
	System	2	.6		
	Total	31	8.6		
Total		362	100.0		

JD_DVHighThres6X *(Aggregate variable) [also see p42 of "NatCen Technical Report.pdf"]*

Distance Vision Threshold General setup:
*if participants **did not use** a different setup or visual aids for distance, this score reflects their reading ability with the setup that they used to the majority of the day*
*if participants **did use** a different setup of visual aids for distance, this score reflects their performance with this distance specific setup*

JD_DVHighThres6X Distance Vision Threshold. General setup (Distance aid if they did the distance aid test, majority setup otherwise): Equivalent Snellen 6/X value for the smallest row read correctly

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	24.00	4	1.1	1.4	1.4
	19.20	1	.3	.3	1.7
	15.00	6	1.7	2.1	3.8
	12.00	12	3.3	4.1	7.9
	9.60	23	6.4	7.9	15.9
	7.50	43	11.9	14.8	30.7
	6.00	89	24.6	30.7	61.4
	4.80	65	18.0	22.4	83.8
	3.90	23	6.4	7.9	91.7
	3.00	24	6.6	8.3	100.0
	Total	290	80.1	100.0	
Missing	-201.00 Not asked: Not enough space for distance test	27	7.5		
	-203.00 Not asked: Unable to measure distance vision for another reason	1	.3		
	-250.00 Interviewer sent participant wrong way up/down vision chart	8	2.2		
	-251.00 Recording booklet missing and SPSS data inconsistent	3	.8		

	-252.00 Unable to reconstruct data from booklet and original SPSS file	17	4.7		
	-253.00 Interviewer terminated vision test when participant made 1 error instead of 2	16	4.4		
	Total	72	19.9		
Total		362	100.0		

{IF DisVis2=1 AND Dglsvis1=1} 41
SW_DisSetUp ~~DisSetUp~~

Code the setup of visual aids that the which visual aid respondent used for the repeated distance test:

SW_DisSetUp Type of vision aid used for repeated distance vision test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Glasses used	29	8.0	70.7	70.7
	2 No glasses worn	12	3.3	29.3	100.0
	Total	41	11.3	100.0	
Missing	-212 Not asked: unable to take part for another reason	1	.3		
	-211 Not asked: does not have distance vision aid to hand	2	.6		
	-209 Not asked: does not use a different setup for seeing things at a distance	290	80.1		
	-203 Not asked: Unable to measure distance vision for another reason	1	.3		
	-201 Not asked: Not enough space for distance test	27	7.5		
	Total	321	88.7		
Total		362	100.0		

HEARING

{ASK ALL}

JD_HearAid (aggregate)

Hearing Aid use - Do you own a hearing aid?

(Results include spontaneous response of hearing aid prescribed but not used recoded into yes)

JD_HearAid Hearing Aid use: Do you own a hearing aid?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	28	7.7	7.7	7.7
	2 No	334	92.3	92.3	100.0
	Total	362	100.0	100.0	

{IF HearAid=1 or 3} 28

JD_HAidFreq (aggregate)

Hearing Aid frequency - How often do you wear your hearing aid? Do you wear it…*READ OUT…*

(Results include spontaneous response of hearing aid prescribed but not used recoded into never)

JD_HAidFreq Hearing Aid frequency: How often do you wear your hearing aid?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Most of the time	4	1.1	14.3	14.3
	2 Occasionally	8	2.2	28.6	42.9
	3 Rarely	3	.8	10.7	53.6
	4 Never	13	3.6	46.4	100.0
	Total	28	7.7	100.0	
Missing	-30 Not asked: does not own a hearing aid	334	92.3		
Total		362	100.0		

{IF HAidFreq=1 to 2} 12
RT_HAidType

Type of hearing aid - What type of hearing aid do you have?

RT_HAidType What type of hearing aid they have

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Behind-the-ear	10	2.8	83.3	83.3
	2 In-the-ear	2	.6	16.7	100.0
	Total	12	3.3	100.0	
Missing	-31 Not asked: rarely or never used hearing aid	14	3.9		
	-30 Not asked: does not use a hearing aid	336	92.8		
	Total	350	96.7		
Total		362	100.0		

{IF HAidFreq=1 to 2} 12
RT_IndLoop

Induction loop - Does your hearing aid have a setting for an induction loop?

RT_IndLoop Whether hearing aid has a setting for an induction loop

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	7	1.9	70.0	70.0
	2 No	3	.8	30.0	100.0
	Total	10	2.8	100.0	
Missing	-31 Not asked: rarely or never used hearing aid	14	3.9		
	-30 Not asked: does not use a hearing aid	336	92.8		
	-8 Don't Know	2	.6		
	Total	352	97.2		
Total		362	100.0		

{IF IndLoop=1} 7
RT_ILoopUse

Induction loop usefulness - How useful do you find the induction loop. Is it…*READ OUT…*

RT_ILoopUse Whether induction loop is useful

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very useful	1	.3	20.0	20.0
	3 Not useful?	4	1.1	80.0	100.0
	Total	5	1.4	100.0	
Missing	-32 Not asked: no induction loop or dont know	5	1.4		
	-31 Not asked: rarely or never used hearing aid	14	3.9		
	-30 Not asked: does not use a hearing aid	336	92.8		
	-8 Don't Know	2	.6		
	Total	357	98.6		
Total		362	100.0		

{IF HAidFreq=1 to 2} 12
RT_HAidHear

Hearing with hearing aid
SHOWCARD B
How good is your hearing, with your hearing aid?

RT_HAidHear How good hearing is with hearing aid

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very good	1	.3	8.3	8.3
	2 Good	6	1.7	50.0	58.3
	3 Fair	3	.8	25.0	83.3
	4 Poor	1	.3	8.3	91.7
	5 Very poor?	1	.3	8.3	100.0
	Total	12	3.3	100.0	
Missing	-31 Not asked: rarely or never used hearing aid	14	3.9		
	-30 Not asked: does not use a hearing aid	336	92.8		
	Total	350	96.7		
Total		362	100.0		

{IF HearAid=1} 26
RT_GenHear

Hearing without hearing aid –
SHOWCARD B
Without your hearing aid, how good is your hearing?

RT_GenHear How good hearing is without hearing aid

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very good	7	1.9	26.9	26.9
	2 Good	4	1.1	15.4	42.3
	3 Fair	9	2.5	34.6	76.9
	4 Poor	4	1.1	15.4	92.3
	5 Very poor?	2	.6	7.7	100.0
	Total	26	7.2	100.0	
Missing	-30 Not asked: does not use a hearing aid	336	92.8		
Total		362	100.0		

{ASK ALL}
LocalSnd

Localising sound - If you are with a group of people and someone you can't see starts to speak, how often are you able to tell where the person is? Is it……*READ OUT…*

LocalSnd If with a group of people and someone you can't see starts to speak, how often can you tell where the person is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Usually	291	80.4	81.1	81.1
	2 Sometimes	46	12.7	12.8	93.9
	3 Not usually	13	3.6	3.6	97.5
	4 Never	9	2.5	2.5	100.0
	Total	359	99.2	100.0	
Missing	-8 Don't Know	3	.8		
Total		362	100.0		

{ASK ALL}
HLimit

Limitations hearing - Because of your hearing, how limited are you in doing your daily activities? Are you…*READ OUT…*

Hlimit How limited in doing your daily activities because of hearing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all limited	342	94.5	94.5	94.5
	2 Somewhat limited	18	5.0	5.0	99.4
	3 Very limited?	2	.6	.6	100.0
	Total	362	100.0	100.0	

{IF HLimit=2 OR 3} 20
RT_HIsolate

Social isolation hearing – In general, how socially isolated do you feel because of your hearing? Do you feel…*READ OUT..*

RT_HIsolate How socially isolated because of your hearing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all isolated	11	3.0	55.0	55.0
	2 Somewhat isolated	9	2.5	45.0	100.0
	Total	20	5.5	100.0	
Missing	-33 Not asked: not limited with daily activities	342	94.5		
Total		362	100.0		

{ASK ALL}
HTestInt

HtestInt Whether consents to hearing test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to do hearing test	349	96.4	96.4	96.4
	2 Respondent refuses to do hearing test	2	.6	.6	97.0
	4 Unable to do hearing test for reason other than refusal or u	11	3.0	3.0	100.0
	Total	362	100.0	100.0	

{IF HTestInt=2} 2
HTestRf (located in Section 2)

Please record reason for refusal

{IF HTestInt=4} 11
HTestUn (located in Section 2)

Please record reason unable to take part in measurement

{IF HTestInt=1} 349
RT_BackNois

Code level of background noise where test takes place.

RT_BackNois Level of background noise during hearing test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Minimal background noise	299	82.6	85.7	85.7
	2 Acceptable background noise	49	13.5	14.0	99.7
	3 Disruptive background noise	1	.3	.3	100.0
	Total	349	96.4	100.0	
Missing	-34 Not asked: no consent, equipment failure or other reason	13	3.6		
Total		362	100.0		

JL_Hears *(Aggregate variable) [also see p44 of "NatCen Technical Report.pdf"]*

Hearing at different volumes (no background noise)

Threshold quietest level for successful identification of at least five numbers out of six (with no background noise)
NB. If a participant can hear at low volume and not at high, he/she is still rated 4.

Hearing files are available within the accompanying "hearing files.zip"

JL_Hears Hearing at different volumes (no background noise).

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Cannot hear speech at any of the volumes	2	.6	.6	.6
	2 Can hear speech at high volume (60dB) only	11	3.0	3.2	3.7
	3 Can hear speech at medium volume (40dB) but not low volume (25dB)	46	12.7	13.2	17.0
	4 Can hear speech at low volume (25dB)	289	79.8	83.0	100.0
	Total	348	96.1	100.0	
Missing	-34 Not asked: no consent , equipment failure or other reason	13	3.6		
	-8 Missing: Don't Know	1	.3		
	Total	14	3.9		
Total		362	100.0		

JL_Hears_WNoise *(Aggregate variable) [also see p44 of "NatCen Technical Report.pdf"]*

Hearing at medium volume at different levels of background ICRA noise

Threshold highest level of background noise for successful identification of at least five numbers out of six
NB. If a participant can hear with high background noise and not with low, he/she is still rated 5.
Hearing files are available within the accompanying "hearing files.zip"

JL_Hears_WNoise Hearing at medium volume at different levels of background ICRA noise

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Cannot hear speech at medium volume (40dB), even with no background noise	5	1.4	1.4	1.4
	2 Can hear speech at medium volume (40dB) with no background noise but not with a low level of noise (25dB)	2	.6	.6	2.0
	3 Can hear speech at medium volume (40dB) with a low (25dB) but not medium (40dB) level of background noise	10	2.8	2.9	4.9
	4 Can hear speech at medium volume (40dB) with a medium (40dB) but not high (60dB) level of background noise	182	50.3	52.3	57.2
	5 Can hear speech at medium volume (40dB) with a high level (60dB) of background noise	149	41.2	42.8	100.0
	Total	348	96.1	100.0	
Missing	-34 Not asked: no consent , equipment failure or other reason	13	3.6		
	-8 Missing: Don't Know	1	.3		
	Total	14	3.9		
Total		362	100.0		

DEXTERITY

{ASK ALL}
MMGSDom

Handedness - Which is your dominant hand?

MMGSDom Dominant hand to be used for grip strength measurements

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Right hand	328	90.6	90.6	90.6
	2 Left hand	34	9.4	9.4	100.0
	Total	362	100.0	100.0	

{ASK ALL}
ArtLYN

Arthritis (Left hand) - Do you have arthritis in your left wrist or hand?

ArtLYN Whether has arthritis in your left wrist or hand

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	44	12.2	12.2	12.2
	2 No	317	87.6	87.8	100.0
	Total	361	99.7	100.0	
Missing	-8 Don't Know	1	.3		
Total		362	100.0		

{IF ArtLYN=1} 44
JD_ArtLSev

IF Yes: Is the arthritis in your left hand mild or severe?

JD_ArtLSev Whether arthritis in left hand is mild or severe

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Mild arthritis in left hand	31	8.6	72.1	72.1
	2 Severe arthritis in left hand	12	3.3	27.9	100.0
	Total	43	11.9	100.0	
Missing	-515 Not asked: Participant did not know if she/he had arthritis	1	.3		
	-513 Not asked: No arthritis in left hand	317	87.6		
	-8 Don't Know	1	.3		
	Total	319	88.1		
Total		362	100.0		

{ASK ALL}
ArtRYN

Arthritis (Right hand) - Do you have arthritis in your right wrist or hand?

ArtRYN Whether has arthritis in your right wrist or hand

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	50	13.8	13.9	13.9
	2 No	311	85.9	86.1	100.0
	Total	361	99.7	100.0	
Missing	-8 Don't Know	1	.3		
Total		362	100.0		

{IF ArtRYN=1} 50
JD_ArtRSev

IF Yes: Is the arthritis in your right hand mild or severe?

JD_ArtRSev Whether arthritis in right hand is mild or severe

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Mild arthritis in right hand	38	10.5	77.6	77.6
	2 Severe arthritis in right hand	11	3.0	22.4	100.0
	Total	49	13.5	100.0	
Missing	-515 Not asked: Participant did not know if she/he had arthritis	1	.3		
	-514 Not asked: No arthritis in right hand	311	85.9		
	-8 Don't Know	1	.3		
	Total	313	86.5		
Total		362	100.0		

{ASK ALL}
SW_OpenN

Opening - When you open a bottle with a plastic screwcap, how often do you find it difficult?

SW_OpenN How often finds it difficult to: open a bottle with a plastic screwcap

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	16	4.4	4.5	4.5
	2 Frequently difficult	32	8.8	8.9	13.4
	3 Occasionally difficult	129	35.6	35.9	49.3
	4 Never find it difficult	182	50.3	50.7	100.0
	Total	359	99.2	100.0	
Missing	-550 I dont have any experience of that	3	.8		
Total		362	100.0		

{ASK ALL}
SW_Push

Pushing - When you push down and unscrew the lid on a medicine bottle, how often do you find it difficult?

SW_Push How often finds it difficult to: push down and unscrew the lid on a medicine bottle

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	29	8.0	8.2	8.2
	2 Frequently difficult	26	7.2	7.3	15.5
	3 Occasionally difficult	118	32.6	33.2	48.7
	4 Never find it difficult	182	50.3	51.3	100.0
	Total	355	98.1	100.0	
Missing	-550 I dont have any experience of that	7	1.9		
Total		362	100.0		

{ASK ALL}
SW_Lift

Lifting and pouring - How often do you have difficulty lifting and pouring from a kettle which contains enough water to make 2 mugs of tea or coffee?

SW_Lift How often finds it difficult to: lift and pour from a kettle which contains enough water to make 2 mugs of tea/coffee

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	6	1.7	1.7	1.7
	2 Frequently difficult	7	1.9	2.0	3.6
	3 Occasionally difficult	19	5.2	5.3	9.0
	4 Never find it difficult	325	89.8	91.0	100.0
	Total	357	98.6	100.0	
Missing	-550 I dont have any experience of that	5	1.4		
Total		362	100.0		

{ASK ALL}
SW_Tying

Tying – Disregarding any problems you might have with bending down, when you tie a shoe lace, how often do you find it difficult?

SW_Tying How often finds it difficult to: tie a shoe lace (disregarding difficulty bending)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	11	3.0	3.1	3.1
	2 Frequently difficult	10	2.8	2.9	6.0
	3 Occasionally difficult	28	7.7	8.0	14.0
	4 Never find it difficult	301	83.1	86.0	100.0
	Total	350	96.7	100.0	
Missing	-550 I dont have any experience of that	12	3.3		
Total		362	100.0		

{ASK ALL}
SW_Pulling

Pulling - When you use your fingers to open a drinks can which has a ring pull, how often do you find it difficult?
INTERVIEWER: If they don't usually use their fingers (e.g. they usually use a knife) ask how difficult it would be if they did use their fingers.

SW_Pulling How often finds it difficult to: use fingers to open a drinks can which has a ring pull

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	24	6.6	6.8	6.8
	2 Frequently difficult	17	4.7	4.8	11.5
	3 Occasionally difficult	82	22.7	23.1	34.6
	4 Never find it difficult	232	64.1	65.4	100.0
	Total	355	98.1	100.0	
Missing	-550 I dont have any experience of that	7	1.9		
Total		362	100.0		

{ASK ALL}
SW_Turning

Gripping & Turning (circular) - When you use a door knob like this *(Show CARD I)*, how often do you find it difficult to grip and turn?

SW_Turning How often finds it difficult to: use a door knob like in the showcard (round ball)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	6	1.7	1.7	1.7
	2 Frequently difficult	6	1.7	1.7	3.4
	3 Occasionally difficult	57	15.7	16.1	19.5
	4 Never find it difficult	284	78.5	80.5	100.0
	Total	353	97.5	100.0	
Missing	-550 I dont have any experience of that	9	2.5		
Total		362	100.0		

{ASK ALL}
Limit

Limitations dexterity - Because of any problems with your hands, how limited are you in doing your daily activities? Are you…*READ OUT*…

limit How limited in doing daily activities because of problems with hands

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 not at all limited	313	86.5	86.5	86.5
	2 Somewhat limited	45	12.4	12.4	98.9
	3 or, Very limited?	4	1.1	1.1	100.0
	Total	362	100.0	100.0	

{ASK ALL}
DexTest

Dextest Whether consents to dexterity test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to hand measurements	359	99.2	99.2	99.2
	3 Unable to measure hands for reason other than refusal	3	.8	.8	100.0
	Total	362	100.0	100.0	

{IF DexTest=3} 3
DextUnable (located in Section 2)

Please record reason unable to take part in measurement:

{IF DexTest=1} 359
JD_DexSec
[also see p46 of "NatCen Technical Report.pdf"]

Dexterous performance (right)
time taken to pick up 12 small objects and place them in container

TIME taken to complete the test (sec):

JD_DexSec TIME taken to complete dexterity test (right hand - sec)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	7	1	.3	.3	.3
	8	1	.3	.3	.6
	9	11	3.0	3.1	3.6
	10	17	4.7	4.7	8.4
	11	34	9.4	9.5	17.8
	12	48	13.3	13.4	31.2
	13	50	13.8	13.9	45.1
	14	42	11.6	11.7	56.8
	15	38	10.5	10.6	67.4
	16	26	7.2	7.2	74.7

	17	18	5.0	5.0	79.7
	18	13	3.6	3.6	83.3
	19	8	2.2	2.2	85.5
	20	12	3.3	3.3	88.9
	21	7	1.9	1.9	90.8
	22	4	1.1	1.1	91.9
	23	5	1.4	1.4	93.3
	24	3	.8	.8	94.2
	25	3	.8	.8	95.0
	26	1	.3	.3	95.3
	27	1	.3	.3	95.5
	29	2	.6	.6	96.1
	30	1	.3	.3	96.4
	31	1	.3	.3	96.7
	32	1	.3	.3	96.9
	34	1	.3	.3	97.2
	50	1	.3	.3	97.5
	57	1	.3	.3	97.8
	60	1	.3	.3	98.1
	100	1	.3	.3	98.3
	105	1	.3	.3	98.6
	116	1	.3	.3	98.9
	120	1	.3	.3	99.2
	121	1	.3	.3	99.4
	143	1	.3	.3	99.7
	148	1	.3	.3	100.0
	Total	359	99.2	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	Total	3	.8		
Total		362	100.0		

{IF DexTest=1} 359

JD_DexProb

Code whether the test was completed successfully or not

JD_DexProb Whether dexterity test was completed successfully or not (right hand)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Test completed successfully, on a table	288	79.6	80.2	80.2
	2 Test completed successfully, on a tray	69	19.1	19.2	99.4
	3 Test not completed, terminated due to difficulty picking obj	2	.6	.6	100.0
	Total	359	99.2	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	Total	3	.8		
Total		362	100.0		

{IF DexTest=1} 359

JD_DexTrem

Code whether the respondent has tremor of the hands whilst performing the test:

JD_DexTrem Whether respondent had a tremor in their hand whilst performing the dexterity test (right hand)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No tremor	351	97.0	97.8	97.8
	2 Slight tremor	8	2.2	2.2	100.0
	Total	359	99.2	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	Total	3	.8		
Total		362	100.0		

{IF DexTest=1} 359
JD_DexSec2
[also see p46 of "NatCen Technical Report.pdf"]

Dexterous performance (left)
time taken to pick up 12 small objects and place them in container

TIME taken to complete the test (sec):

JD_DexSec2 TIME taken to complete dexterity test (left - sec)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	9	5	1.4	1.4	1.4
	10	17	4.7	4.7	6.1
	11	31	8.6	8.7	14.8
	12	51	14.1	14.2	29.1
	13	37	10.2	10.3	39.4
	14	44	12.2	12.3	51.7
	15	50	13.8	14.0	65.6
	16	31	8.6	8.7	74.3
	17	22	6.1	6.1	80.4
	18	12	3.3	3.4	83.8
	19	12	3.3	3.4	87.2
	20	7	1.9	2.0	89.1
	21	6	1.7	1.7	90.8
	22	4	1.1	1.1	91.9
	23	4	1.1	1.1	93.0
	24	1	.3	.3	93.3
	25	3	.8	.8	94.1
	26	1	.3	.3	94.4
	27	3	.8	.8	95.3
	28	3	.8	.8	96.1
	29	1	.3	.3	96.4
	31	1	.3	.3	96.6
	34	1	.3	.3	96.9
	35	1	.3	.3	97.2
	43	1	.3	.3	97.5
	45	1	.3	.3	97.8
	60	2	.6	.6	98.3
	101	1	.3	.3	98.6

	105	1	.3	.3	98.9
	109	1	.3	.3	99.2
	123	1	.3	.3	99.4
	137	1	.3	.3	99.7
	184	1	.3	.3	100.0
	Total	358	98.9	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	-8 Dont know	1	.3		
	Total	4	1.1		
Total		362	100.0		

{IF DexTest=1} 359

JD_DexProb2

Code whether the test was completed successfully or not

JD_DexProb2 Whether dexterity test completed successfully or not (left hand)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Test completed successfully, on a table	295	81.5	82.2	82.2
	2 Test completed successfully, on a tray	61	16.9	17.0	99.2
	3 Test not completed, terminated due to difficulty picking obj	2	.6	.6	99.7
	5 Test not completed for some other reason	1	.3	.3	100.0
	Total	359	99.2	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	Total	3	.8		
Total		362	100.0		

{IF DexTest=1} 359
JD_DexTrem2

Code whether the respondent has tremor of the hands whilst performing the test:

JD_DexTrem2 Whether respondent had a tremor in their hand whilst performing the dexterity test (left hand)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No tremor	346	95.6	96.6	96.6
	2 Slight tremor	11	3.0	3.1	99.7
	3 Severe tremor	1	.3	.3	100.0
	Total	358	98.9	100.0	
Missing	-501 Not asked: Did not measure hands for reason other than refusal	1	.3		
	-88 String file indicates dexterity impairment	2	.6		
	-8 Don't Know	1	.3		
	Total	4	1.1		
Total		362	100.0		

{IF JD_RespSex=2} 194
JD_UPreg

Can I check, are you pregnant now?

JD_UPreg Whether respondent is pregnant

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8	2.2	4.1	4.1
	2 No	186	51.4	95.9	100.0
	Total	194	53.6	100.0	
Missing	-503 Not asked: Participant is male	168	46.4		
Total		362	100.0		

JD Note: One participant (serial number 13020) is male (Sex = 1) yet has Upreg = 2 rather than 503.

{IF UPreg=2 OR Sex=1} 186+168 =354
JD_MMGsWCo

Grip strength

Would you be willing to have your handgrip measured?'

JD_MMGsWCo Whether consents to grip test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	342	94.5	96.6	96.6
	2 No	5	1.4	1.4	98.0
	3 Unable to take measurement	7	1.9	2.0	100.0
	Total	354	97.8	100.0	
Missing	-504 Not asked: Participant is pregnant	8	2.2		
Total		362	100.0		

{IF MMGsWCo =2 OR 3} 12
MMGsWN (located in Section 2)

Give details why grip strength test not attempted.

{IF MMGsWCo = 1} 342
JD_MMGSSta

Can I just check, have you had hand surgery to either hand within the last six months?

If yes, do not attempt grip strength measure with affected hand(s). If respondent cannot use hand(s) for this or any other reason, code below.

Record respondent status.

JD_MMGSSta Check whether respondent has had hand surgery in last six months. Code which hands they're able to use.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent has the use of both hands	338	93.4	98.8	98.8
	2 Respondent is unable to use $Dominant hand	2	.6	.6	99.4
	3 Respondent is unable to use $NonDomin hand	2	.6	.6	100.0
	Total	342	94.5	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	1	.3		
	-504 Not asked: Participant is pregnant	8	2.2		
	-500 Not asked: No consent	4	1.1		
	-88 String file indicates suspected grip impairment	7	1.9		
	Total	20	5.5		
Total		362	100.0		

{IF MMGsWCo = 1 AND MMGSSta=1-3} 342
JD_MMGPos

Record respondent's position for comfort grip

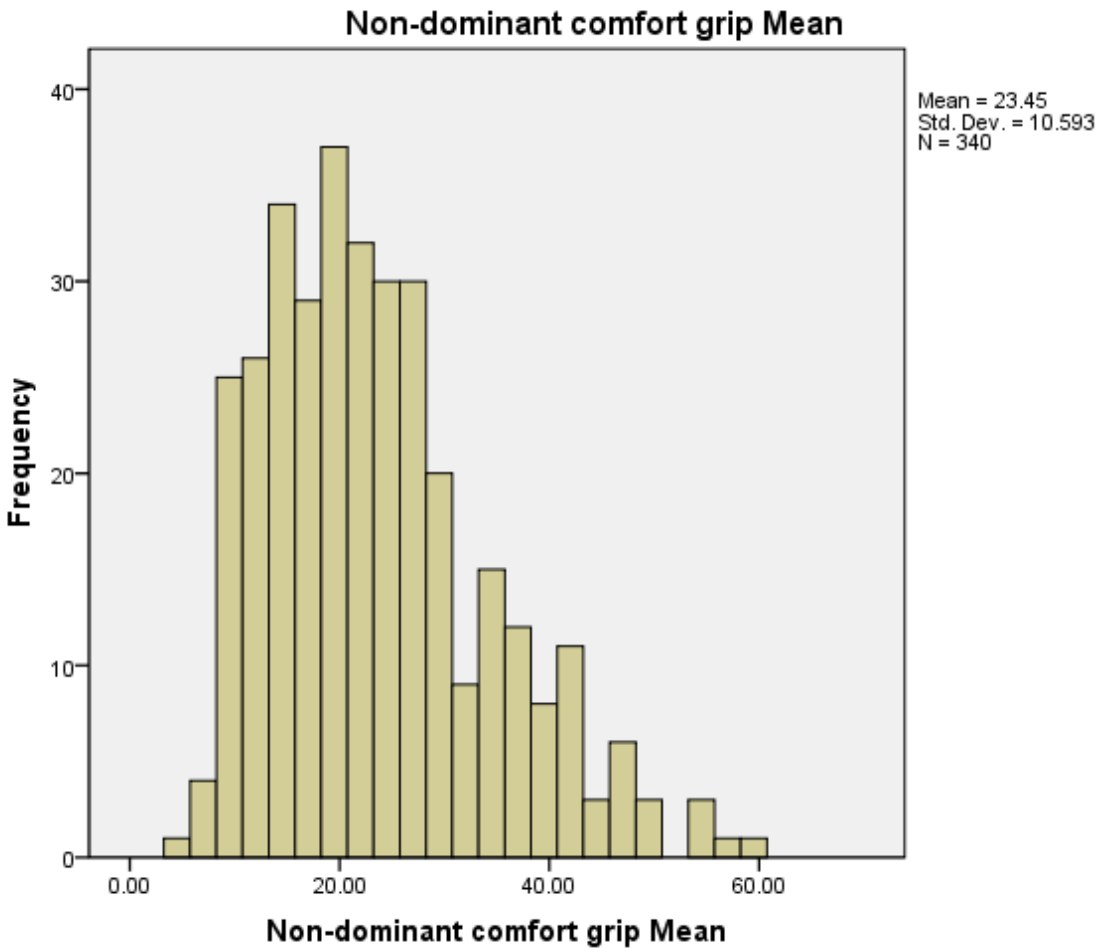
JD_MMGPos Respondent's position for comfort grip

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Sitting with back and arm support	63	17.4	18.4	18.4
	2 Sitting without back support and with arm support (preferred	219	60.5	64.0	82.5
	3 Sitting with back support and without arm support	32	8.8	9.4	91.8
	4 Sitting without back and without arm support	24	6.6	7.0	98.8
	5 Standing with arm supported	3	.8	.9	99.7
	6 Standing without arm supported	1	.3	.3	100.0
	Total	342	94.5	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	1	.3		
	-504 Not asked: Participant is pregnant	8	2.2		
	-500 Not asked: No consent	4	1.1		
	-88 String file indicates suspected grip impairment	7	1.9		
	Total	20	5.5		
Total		362	100.0		

JR_GSNCAv *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*

Non-dominant comfort grip Mean (kg)

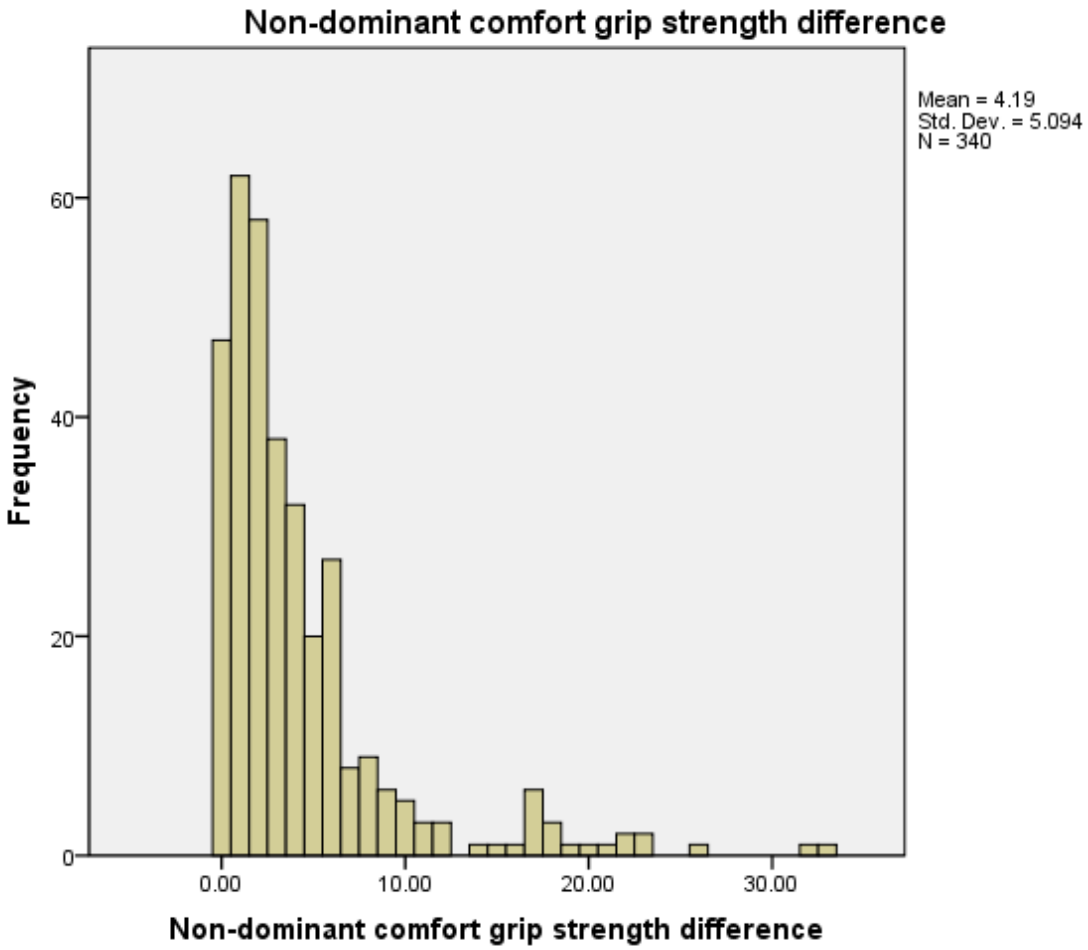
Mean of comfort grip strength (non-dominant) (JD_MMGSN1,JD_MMGSN2)



Total=340
-507 Not asked: Participant is unable to use non-dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

JR_GSNCDF *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Non-dominant comfort grip strength difference (kg)

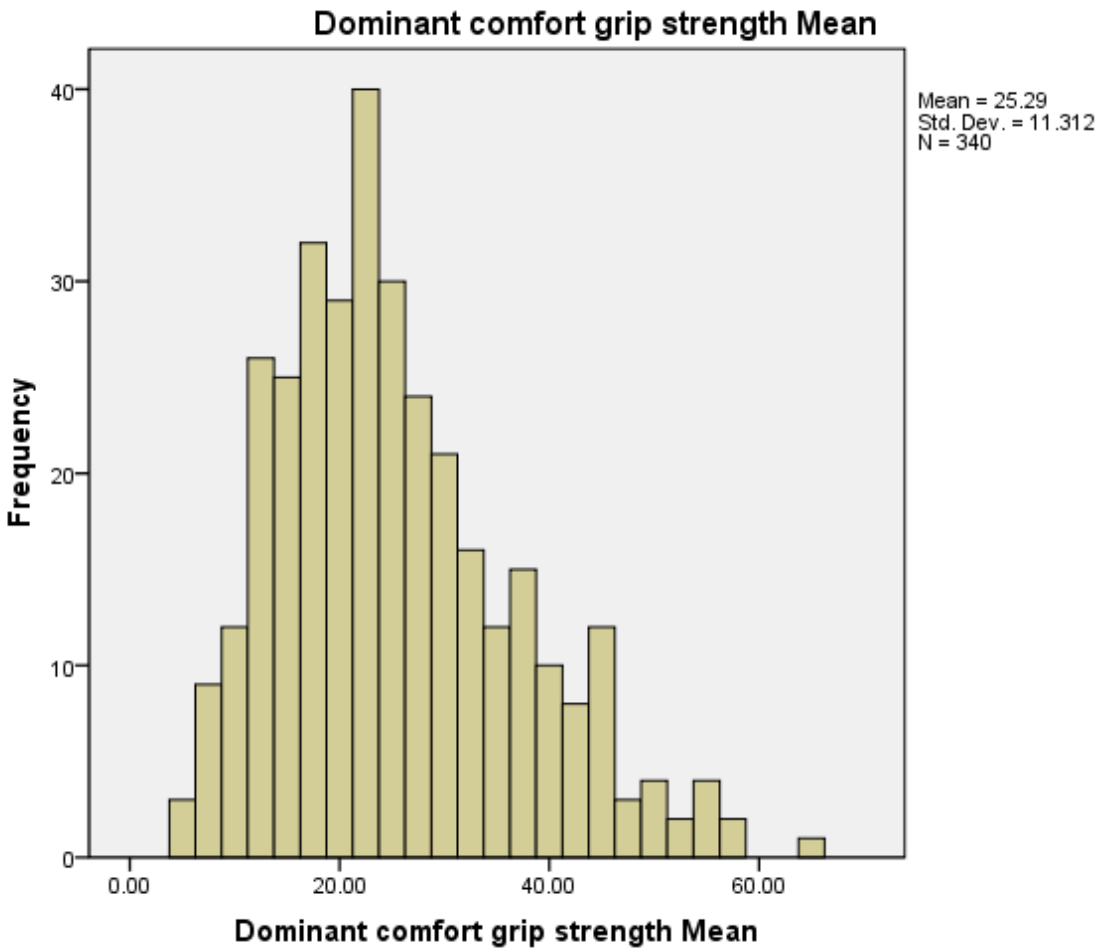
Difference between the comfort grip strength measures (non-dominant)
ABS(JD_MMGSN1-JD_MMGSN2)



Total=340
-507 Not asked: Participant is unable to use non-dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

JR_GSDCAv *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Dominant comfort grip Mean (kg)

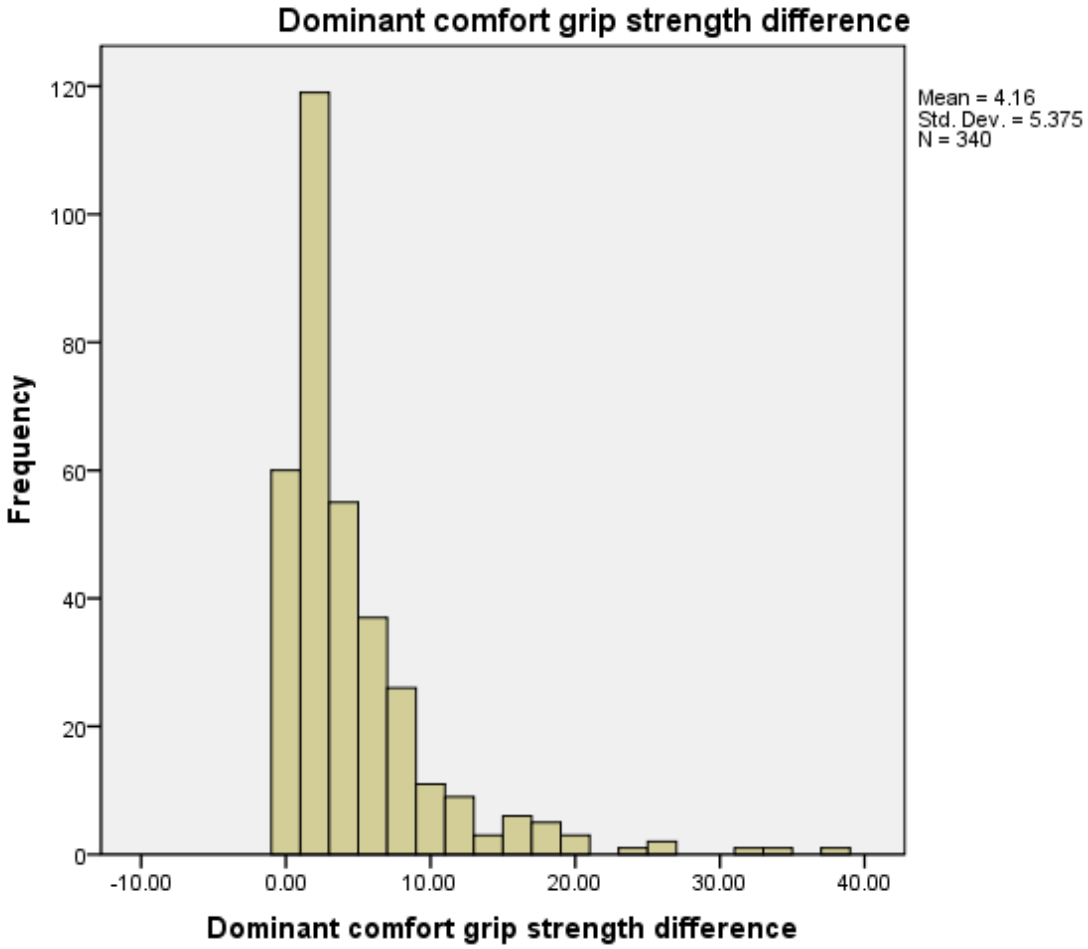
Mean of comfort grip strength (dominant)
(JD_MMGSD1, JD_MMGSD2)



Total=340
-508 Not asked: Participant is unable to use dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

JR_GSDCDF *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Dominant comfort grip strength difference (kg)

Difference between the comfort grip strength measures (dominant)
ABS(JD_MMGSD1-JD_MMGSD2)



Total=340
-508 Not asked: Participant is unable to use dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

{IF MMGsWCo = 1 AND MMGSSta=1-3} 342
JD_MMGPos2

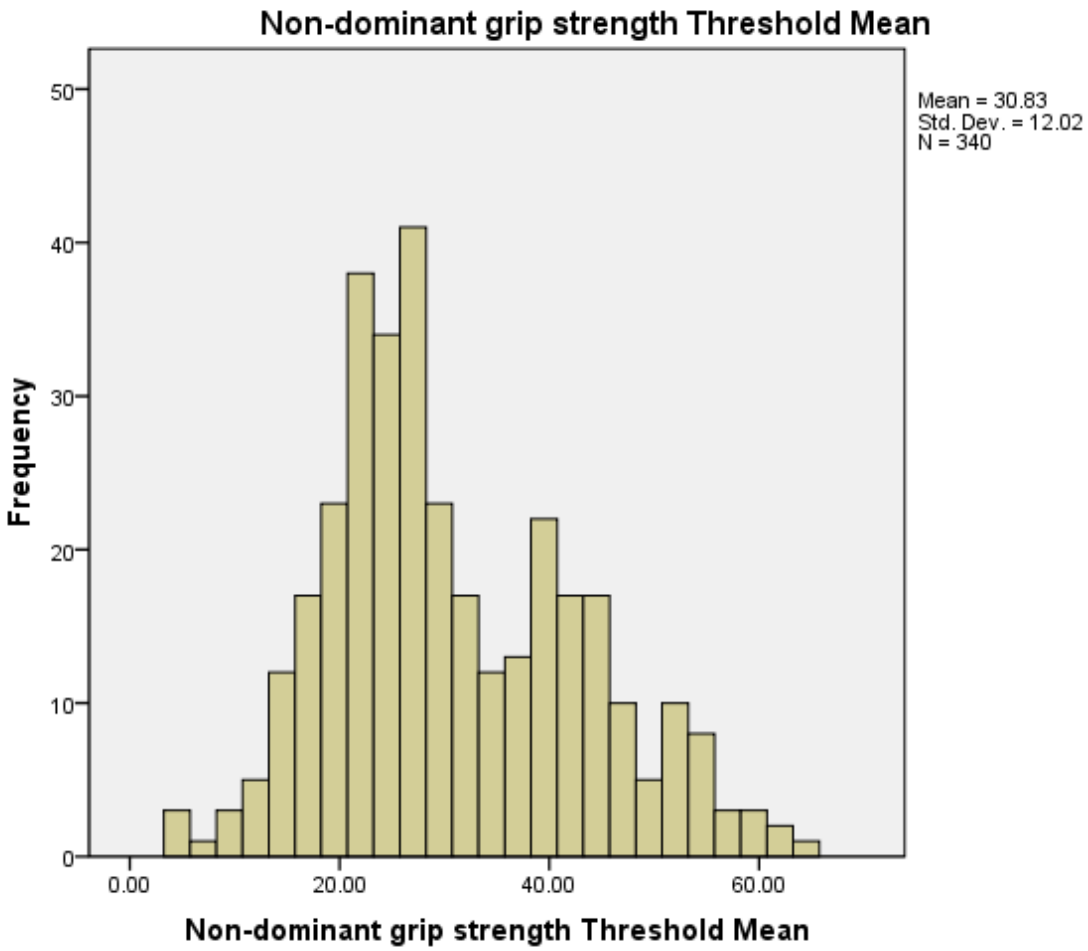
Record respondent's position

JD_MMGPos2 Respondent's position for hard grip

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Sitting with back and arm support	28	7.7	8.2	8.2
	2 Sitting without back support and with arm support	14	3.9	4.1	12.3
	3 Sitting with back support and without arm support	17	4.7	5.0	17.3
	4 Sitting without back and without arm support	9	2.5	2.6	19.9
	5 Standing with arm supported	18	5.0	5.3	25.1
	6 Standing without arm supported (preferred)	256	70.7	74.9	100.0
	Total	342	94.5	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	1	.3		
	-504 Not asked: Participant is pregnant	8	2.2		
	-500 Not asked: No consent	4	1.1		
	-88 String file indicates suspected grip impairment	7	1.9		
	Total	20	5.5		
Total		362	100.0		

JR_GSNTAv *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Non-dominant grip strength Threshold Mean (kg)

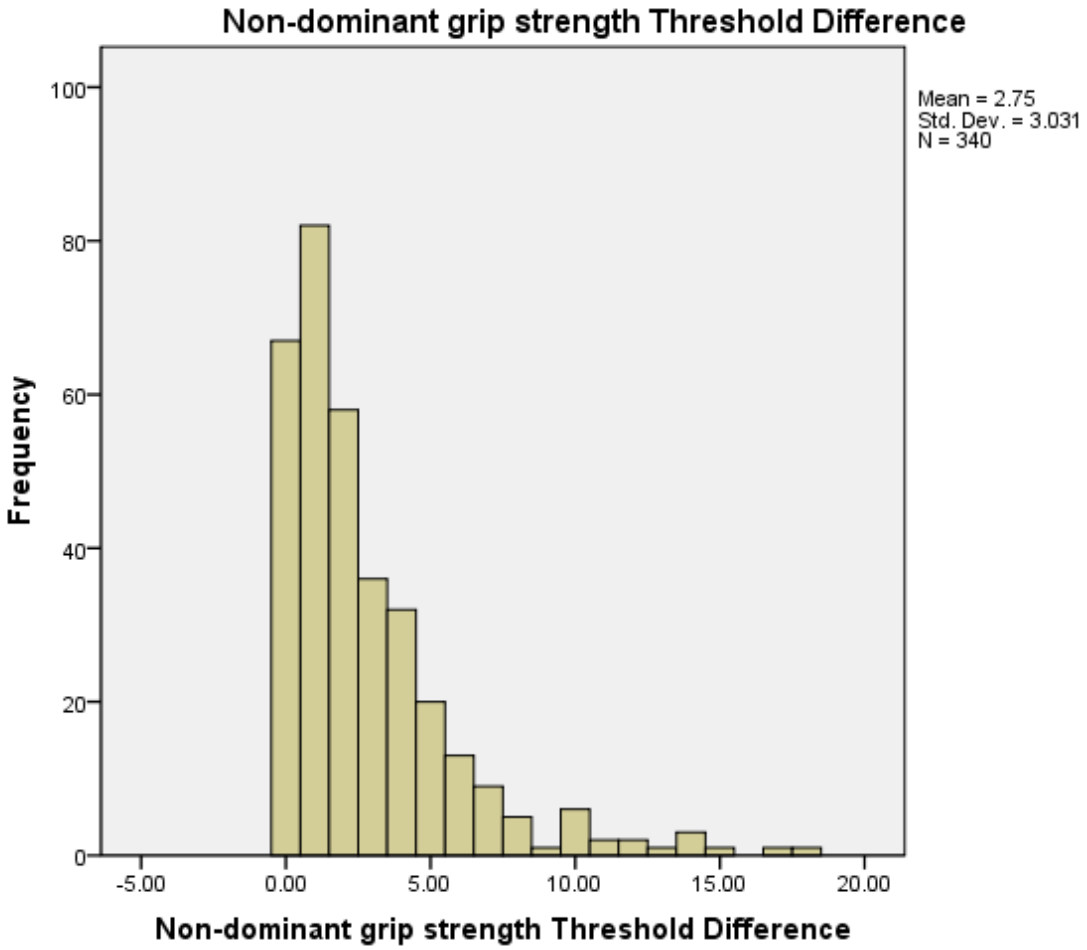
Mean of grip strength thresholds (non-dominant)
(JD_MMGSN3,JD_MMGSN4)



Total=340
-507 Not asked: Participant is unable to use non-dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

JR_GSNTDF *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Non-dominant grip strength Threshold Difference (kg)

Difference between the grip strength thresholds (non-dominant)
ABS(JD_MMGSN3-JD_MMGSN4)

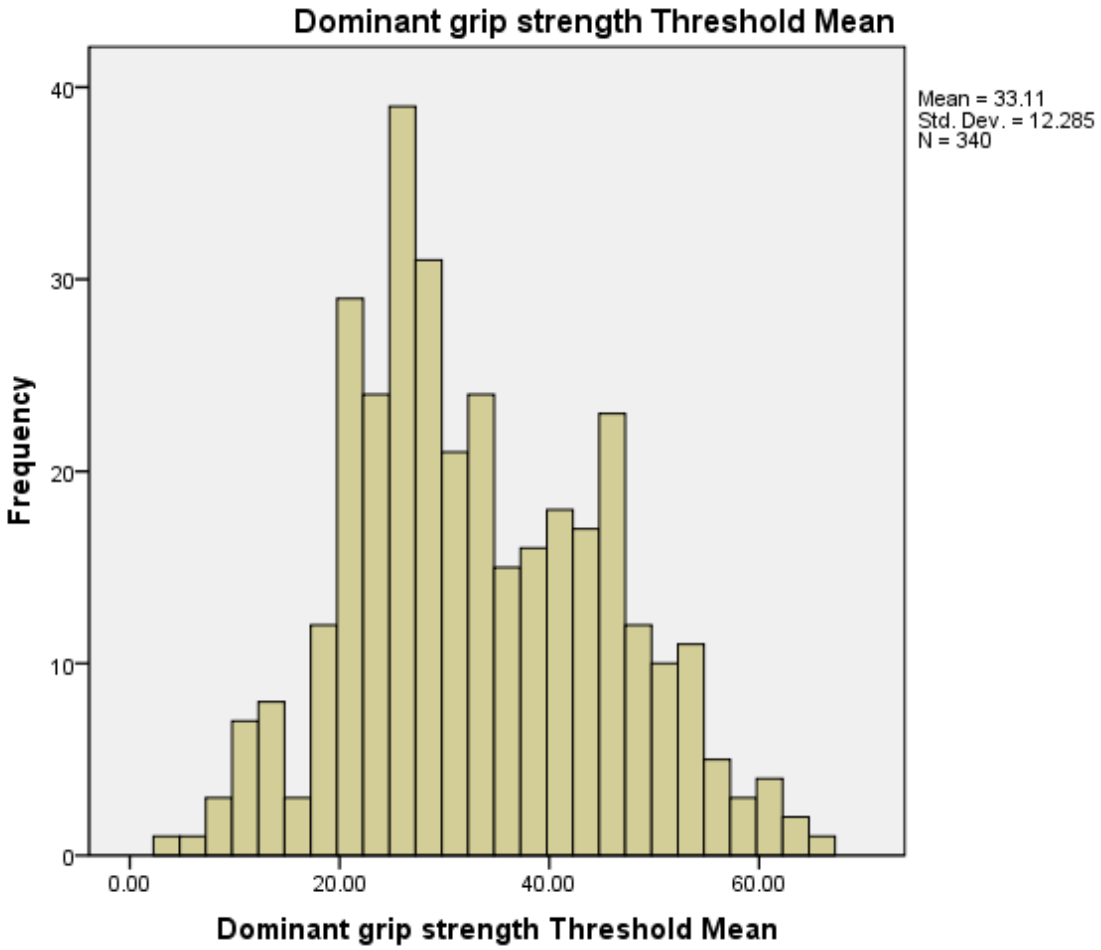


Total=340

Missing	-507.00 Not asked: Participant is unable to use non-dominant hand	2
	-505.00 Not asked: Unable to take measurement (for reasons other than refusal)	1
	-504.00 Not asked: Participant is pregnant	8
	-500.00 Not asked: No consent	4
	-88.00 String file indicates suspected grip impairment	7
	Total	22
Total		362

JR_GSDTAv *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Dominant grip strength Threshold Mean (kg)

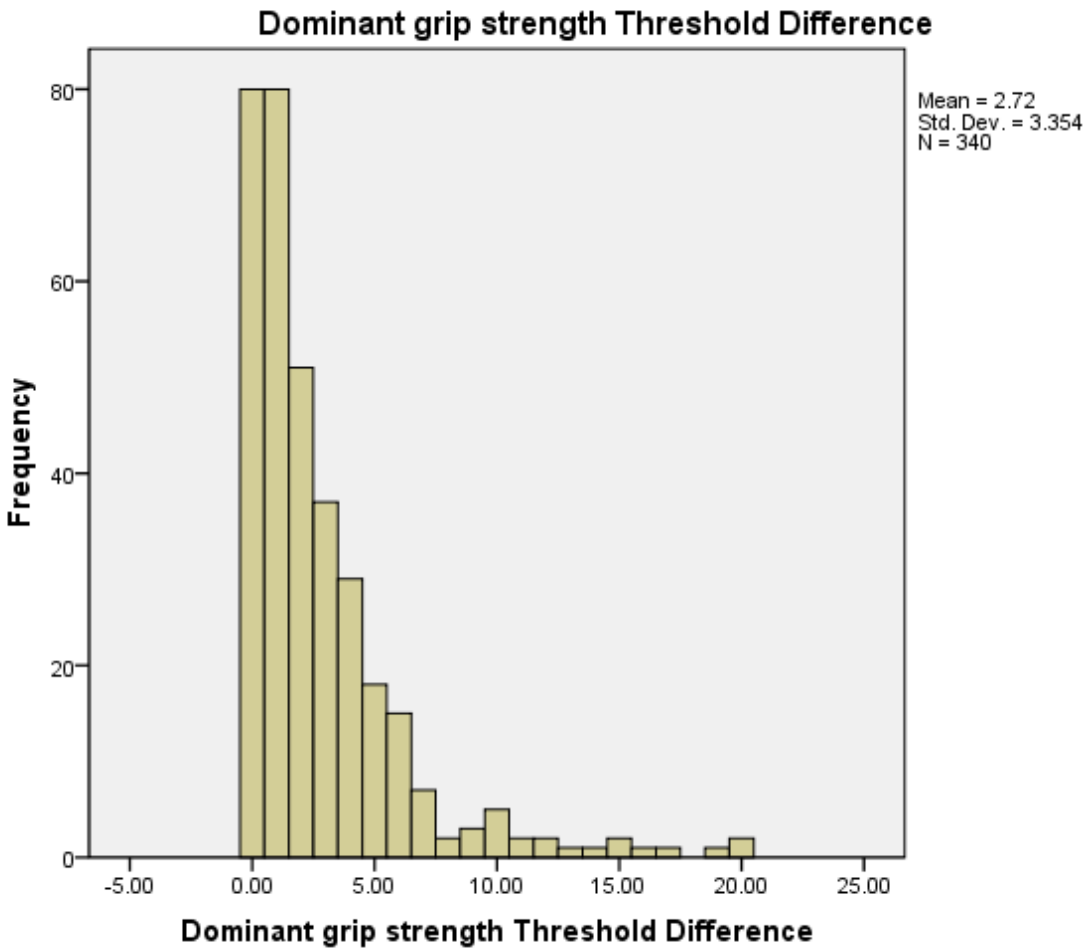
Mean of grip strength thresholds (dominant)
(JD_MMGSD3,JD_MMGSD4)



Total=340
-508 Not asked: Participant is unable to use dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

JR_GSDTDF *(Aggregate variable) [also see p47 of "NatCen Technical Report.pdf"]*
Dominant grip strength Threshold Difference (kg)

Difference between the grip strength thresholds (dominant)
ABS(JD_MMGSD3-JD_MMGSD4)



Total=340
-508 Not asked: Participant is unable to use dominant hand=2
-505 Not asked:Unable to take measurement (for reasons other than refusal)=1
-504 Not asked: participant is pregnant=8
-500 Not asked: No consent=4
-88 String file indicates suspected grip impairment=7
Total=362

{IF MMGsWCo = 1 AND MMGSSta=1-3} 342
JD_MMGSRes

Record whether measures obtained

JD_MMGSRes Whether all/some/no measurements obtained

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All measures obtained (no problems)	335	92.5	98.0	98.0
	2 All measures obtained (some problems)	7	1.9	2.0	100.0
	Total	342	94.5	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	1	.3		
	-504 Not asked: Participant is pregnant	8	2.2		
	-500 Not asked: No consent	4	1.1		
	-88 String file indicates suspected grip impairment	7	1.9		
	Total	20	5.5		
Total		362	100.0		

{IF MMGsRes = 2} 7
MMGSPrX (located in Section 2)

Record any problems taking the grip strength measurement.

{ASK ALL}
BMobTest

BMobtest Whether consents to mobile phone test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to handheld devices tasks	357	98.6	98.6	98.6
	3 Unable to take part in tasks for reason other than refusal	5	1.4	1.4	100.0
	Total	362	100.0	100.0	

{IF BMobTest=3} 5
BMobUnable (located in Section 2)

Please record reason unable to take part in tasks

{IF BMobTest=1} 357
JD_MobRes
[also see p51 of "NatCen Technical Report.pdf"]
please press
…Up
…Right
…Down
…Centre
Take the phone from the respondent, look at the display, and code what screen the respondent has ended up on.

JD_MobRes Result of mobile phone test (1)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Screen titled my stuff with images highlighted (task success	278	76.8	78.1	78.1
	2 Other screen presented	77	21.3	21.6	99.7
	3 No buttons pressed	1	.3	.3	100.0
	Total	356	98.3	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-99 string file indicates flat battery (previously coded as problem administering)	1	.3		
	-88 String file indicates inability to use mobile	3	.8		
	Total	6	1.7		
Total		362	100.0		

[N.B. string file indicated one participant failed the task due to handshake, so this result was recoded from "problem administering" to "no buttons pressed"]

{IF BMobRes=3 OR 4} 2
MobResFail (located in Section 2)

Please record why task not successful

{IF MobRes = 1 OR 2} 278=77=355
JD_MobEasy

Pressing centre buttons (self-report) - How easy or difficult did you find it to press the buttons that I asked you to, without accidentally pressing any others? Was it…*READ OUT…*

JD_MobEasy Whether mobile phone test (1) easy or difficult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	151	41.7	42.5	42.5
	2 Easy	131	36.2	36.9	79.4
	3 Neither easy nor difficult	38	10.5	10.7	90.1
	4 Difficult	32	8.8	9.0	99.2
	5 Very difficult	3	.8	.8	100.0
	Total	355	98.1	100.0	
Missing	-509 Not asked: No buttons pressed	1	.3		
	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-99 string file indicates flat battery (previously coded as problem administering)	1	.3		
	-88 String file indicates inability to use mobile	3	.8		
	Total	7	1.9		
Total		362	100.0		

{IF BMobTest=1} 357
JD-MobRes2
[also see p51 of "NatCen Technical Report.pdf"]

Now, please press
… Bottom left
… Top left
… Top right
… Bottom right

Take the phone from the respondent, look at the display, and code what screen the respondent has ended up on.

JD_MobRes2 Result of mobile phone test (2)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Idle screen (task successful)	340	93.9	95.8	95.8
	2 Other screen presented	15	4.1	4.2	100.0
	Total	355	98.1	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-99 string file indicates flat battery / interviewer error (previously coded as problem administering)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	7	1.9		
Total		362	100.0		

{IF MobRes2=3 OR 4} 0 (previously 2)
MobRs2Uns (located in Section 2)

Please record why task not successful

{IF MobRes2 = 1 OR 2} 355
JD_MobEasy2

Pressing outer buttons (self-report) - How easy or difficult did you find it to press the buttons that I asked you to, without accidentally pressing any others? Was it…*READ OUT*…

JD_MobEasy2 Whether mobile phone test (2) easy or difficult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	211	58.3	59.4	59.4
	2 Easy	123	34.0	34.6	94.1
	3 Neither easy nor difficult	15	4.1	4.2	98.3
	4 Difficult	6	1.7	1.7	100.0
	Total	355	98.1	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-99 string file indicates flat battery / interviewer error (previously coded as problem administering)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	7	1.9		
Total		362	100.0		

{IF BMobTest=1} 357
JD_MP3Res
[also see p53 of "NatCen Technical Report.pdf"]

Inserting headphone cable (performance)
Please record the result of this test (if the jack is only half inserted, this counts as failure)

JD_MP3Res Result of MP3 test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Task completed	312	86.2	87.4	87.4
	2 Task attempted but not completed	44	12.2	12.3	99.7
	3 Task not attempted	1	.3	.3	100.0
	Total	357	98.6	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	5	1.4		
Total		362	100.0		

{IF MP3Res=2 OR 3} 45
MPResUns (located in Section 2)

Please record why task not completed

{IF MP3Res=1} 312
JD_MP3Easy

Inserting headphone cable (self-report) - How easy or difficult did you find it to insert that headphone jack? Was it…*READ OUT…*

JD_MP3Easy Whether MP3 test easy or difficult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	234	64.6	75.0	75.0
	2 Easy	71	19.6	22.8	97.8
	3 Neither easy nor difficult	6	1.7	1.9	99.7
	4 Difficult	1	.3	.3	100.0
	Total	312	86.2	100.0	
Missing	-512 Not asked: Task not attempted	1	.3		
	-511 Not asked: Task attempted but not completed	44	12.2		
	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	50	13.8		
Total		362	100.0		

{IF BMobTest=1} 357
JD_USBRes
[also see p53 of "NatCen Technical Report.pdf"]

Please record the result of this test

Inserting USB cable into socket (performance)-

JD_USBRes Result of USB test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Task completed	354	97.8	99.2	99.2
	2 Task attempted but not completed	2	.6	.6	99.7
	3 Task not attempted	1	.3	.3	100.0
	Total	357	98.6	100.0	
Missing	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	5	1.4		
Total		362	100.0		

{IF USBRes=2 OR 3}
USBResUns (located in Section 2)

Please record why task not completed

{IF USBRes=1} 354
JD_USBEasy

Inserting USB cable (self-report)- How easy or difficult did you find it to insert that USB cable? Was it …*READ OUT*…

JD_USBEasy Whether USB test easy or difficult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	199	55.0	56.2	56.2
	2 Easy	108	29.8	30.5	86.7
	3 Neither easy nor difficult	24	6.6	6.8	93.5
	4 Difficult	21	5.8	5.9	99.4
	5 Very difficult	2	.6	.6	100.0
	Total	354	97.8	100.0	
Missing	-512 Not asked: Task not attempted	1	.3		
	-511 Not asked: Task attempted but not completed	2	.6		
	-505 Not asked: Unable to take measurement (for reasons other than refusal)	2	.6		
	-88 String file indicates inability to use mobile	3	.8		
	Total	8	2.2		
Total		362	100.0		

MOBILITY

{ASK ALL}
MobAids

Mobility aids (outside) – Looking at showcard J, please choose the statement that best reflects your use of mobility aids when you are out and about.

MobAids Mobility aids used when out and about

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No aid needed	332	91.7	92.0	92.0
	2 Cane, walking stick or crutch in one hand	23	6.4	6.4	98.3
	4 A walking frame or trolley (Rolator)	1	.3	.3	98.6
	5 A manual wheelchair	3	.8	.8	99.4
	6 Electric wheelchair	1	.3	.3	99.7
	7 Other mobility aid	1	.3	.3	100.0
	Total	361	99.7	100.0	
Missing	-99 String file indicates person cannot go outdoors	1	.3		
Total		362	100.0		

{IF MobAids=7} 2
MobAidsO (located in Section 2)

Please record other mobility aids used

{ASK ALL}
MobAidH

Mobility aids (home) – Looking at showcard J, please choose the statement that best reflects your use of mobility aids when you are moving around your own home

MobAidH Mobility aids used at home

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No aid needed	350	96.7	96.7	96.7
	2 Cane, walking stick or crutch in one hand	7	1.9	1.9	98.6
	4 A walking frame or trolley (Rolator)	3	.8	.8	99.4
	5 A manual wheelchair	1	.3	.3	99.7
	7 Other mobility aid (SPECIFY)	1	.3	.3	100.0
	Total	362	100.0	100.0	

{IF MobAidH=7} 1
MoAidHO (located in Section 2)

Please record other mobility aids used

{ASK ALL}
SW_ChairW

Getting out of chair (with arms) – Looking at showcard K, when you have been sitting on a chair like this and you want to get up, how often do you find it difficult?

SW_ChairW Ease of getting out of a chair with arms

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	5	1.4	1.4	1.4
	2 Frequently difficult	16	4.4	4.5	5.9
	3 Occasionally difficult	45	12.4	12.6	18.5
	4 Never difficult	291	80.4	81.5	100.0
	Total	357	98.6	100.0	
Missing	-550 I dont have any experience of that	5	1.4		
Total		362	100.0		

{ASK ALL}
SW_ChairWO

Getting out of chair (without arms) – Looking at showcard L, when you have been sitting on a chair like this and you want to get up, how often do you find it difficult?

SW_ChairWO Ease of getting out of a chair without arms

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	17	4.7	4.7	4.7
	2 Frequently difficult	11	3.0	3.1	7.8
	3 Occasionally difficult	53	14.6	14.8	22.6
	4 Never difficult	277	76.5	77.4	100.0
	Total	358	98.9	100.0	
Missing	-550 I dont have any experience of that	4	1.1		
Total		362	100.0		

{ASK ALL}
SW_Plug

Reaching floor level - When you have a plug socket at floor level and you want to plug something in, how often do you find it difficult? Do you find it…*READ OUT…*

SW_Plug Ease of plugging something in at floor level

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always difficult	15	4.1	4.2	4.2
	2 Frequently difficult	15	4.1	4.2	8.4
	3 Occasionally difficult	59	16.3	16.5	24.9
	4 Never difficult	268	74.0	75.1	100.0
	Total	357	98.6	100.0	
Missing	-550 I dont have any experience of that	5	1.4		
Total		362	100.0		

{ASK ALL}
MLimit

Limitations mobility - Because of any problems with your mobility, how limited are you in doing your daily activities? Are you…*READ OUT..*

Mlimit How limited in daily activities because of problems with mobility

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all limited	305	84.3	84.5	84.5
	2 Somewhat limited	48	13.3	13.3	97.8
	3 Very limited	8	2.2	2.2	100.0
	Total	361	99.7	100.0	
Missing	-8 Don't Know	1	.3		
Total		362	100.0		

{IF MLimit=2 OR 3} 56
RT_MIsolate

Social isolation mobility – In general, how socially isolated do you feel because of any difficulties you have with mobility? Are you…*READ OUT…*

RT_MIsolate How socially issolated because of difficulties with mobility

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all isolated	34	9.4	60.7	60.7
	2 Somewhat isolated	18	5.0	32.1	92.9
	3 Very isolated	4	1.1	7.1	100.0
	Total	56	15.5	100.0	
Missing	-44 Not asked: dont know about mobility limitation	1	.3		
	-43 Not asked: no mobility limitations	305	84.3		
	Total	306	84.5		
Total		362	100.0		

REACH AND STRETCH

{ASK ALL}
BInjury
Can I just check, have you had a recent back or shoulder injury or operation?

BInjury Whether had a recent back or shoulder injury or operation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	57	15.7	15.7	15.7
	2 No	305	84.3	84.3	100.0
	Total	362	100.0	100.0	

{IF BInjury=No} 305
RT_BReach

We will now move onto some measures of your ability to reach and stretch.

RT_Breach Introduction to reach and stretch test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to measures	304	84.0	99.7	99.7
	3 Respondent unable to take part in measures for reasons other	1	.3	.3	100.0
	Total	305	84.3	100.0	
Missing	-19 Not asked: had a recent back or shoulder injury	57	15.7		
Total		362	100.0		

{IF BReach=3} 1
BOthReas (located in Section 2)

Please record reasons for not taking part in measures

{IF BReach=1} 304
RT_FrontLt
[also see p54 of "NatCen Technical Report.pdf"]

Out in front - Please hold both your arms out in front as far as is comfortable, and hold them there for a couple of seconds.

(Interviewer to demonstrate)

Code how much left arm is extended

RT_FrontLt Ability to reach out front (left)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Arm fully extended (not bent)	298	82.3	98.0	98.0
	2 Partially extended	6	1.7	2.0	100.0
	Total	304	84.0	100.0	
Missing	-19 Not asked: had a back or shoulder injury or unable to take part	58	16.0		
Total		362	100.0		

{IF BReach=1} 304
RT_FrontRt *[also see p54 of "NatCen Technical Report.pdf"]*

Code how much right arm is extended

RT_FrontRt Ability to reach out front (right)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Arm fully extended (not bent)	295	81.5	97.0	97.0
	2 Partially extended	9	2.5	3.0	100.0
	Total	304	84.0	100.0	
Missing	-19 'Not asked: had a back or shoulder injury or unable to take part'	58	16.0		
Total		362	100.0		

{IF BReach=1} 304
RT_AboveLt *[also see p54 of "NatCen Technical Report.pdf"]*

Above the head - Please hold both your arms above your head as far as is comfortable, and hold them there for a couple of seconds.

(Interviewer to demonstrate)

Code how much left arm is extended

RT_AboveLt Ability to reach up (left)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Arm fully extended (not bent)	270	74.6	88.8	88.8
	2 Partially extended	33	9.1	10.9	99.7
	3 Cannot extend arm at all	1	.3	.3	100.0
	Total	304	84.0	100.0	
Missing	-19 'Not asked: had a back or shoulder injury or unable to take part'	58	16.0		
Total		362	100.0		

{IF BReach=1} 304
RT_AboveRt *[also see p54 of "NatCen Technical Report.pdf"]*

Code how much right arm is extended

RT_AboveRt Ability to reach up (right)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Arm fully extended (not bent)	270	74.6	88.8	88.8
	2 Partially extended	31	8.6	10.2	99.0
	3 Cannot extend arm at all	3	.8	1.0	100.0
	Total	304	84.0	100.0	
Missing	-19 'Not asked: had a back or shoulder injury or unable to take part'	58	16.0		
Total		362	100.0		

{ASK ALL}
ReaLimit

Limitations reaching – Because of any problems with reaching your arms above your head or out to the sides, how limited are you in doing your daily activities? Are you….*READ OUT…*

ReaLimit How limited in doing daily activities because of problems with reaching your arms above your head or out to the sides

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all limited	330	91.2	91.2	91.2
	2 Somewhat limited	27	7.5	7.5	98.6
	3 Very limited	5	1.4	1.4	100.0
	Total	362	100.0	100.0	

COGNITIVE FUNCTION

{ASK ALL}
CfLimit

Because of any difficulties with your memory or concentration, how limited are you in doing your daily activities? Are you…READ OUT…

CfLimit How limited in doing daily activities because of difficulties with memory or concentration

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all limited	307	84.8	84.8	84.8
	2 Somewhat limited	51	14.1	14.1	98.9
	3 Very limited	4	1.1	1.1	100.0
	Total	362	100.0	100.0	

{ASK ALL}
CfConsent

I would now like to test your memory and concentration. Is that okay?

CfConsent Whether consents to cognitive tests

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees	357	98.6	98.6	98.6
	2 Respondent refuses	3	.8	.8	99.4
	3 Test not performed for some other reason	2	.6	.6	100.0
	Total	362	100.0	100.0	

{IF CfConsent=2} 3
CfIntO (located in Section 2)
Enter reason respondent refused

{IF CfConsent=3} 2
CfIntOth (located in Section 2)
Enter other reason test wasn't performed

{IF CfLis=1 OR CfLisSt=1} 327 + 30 = 357
RT_CfLisEn *[also see p55 of "NatCen Technical Report.pdf"]*

Performance test on 10 word recall (recalled immediately after stimulus)

RT_CfLisEn Number of words recalled (1st word recall)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	12	3.3	3.4	3.4
	2	7	1.9	2.0	5.3
	3	18	5.0	5.1	10.4
	4	40	11.0	11.2	21.6
	5	58	16.0	16.3	37.9
	6	83	22.9	23.3	61.2
	7	68	18.8	19.1	80.3
	8	45	12.4	12.6	93.0
	9	20	5.5	5.6	98.6
	10	5	1.4	1.4	100.0
	Total	356	98.3	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	6	1.7		
Total		362	100.0		

{IF CfConsent =1} 357
RT_CfLet

interviewer coded opportunity to record any problems with instructing the participant to do the letter cancellation task

RT_CfLet Instructions for letter cancellation task. Code whether respondent able to do task.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, Respondent should be able to perform task	352	97.2	98.9	98.9
	2 No, respondent didn t understand the task	1	.3	.3	99.2
	3 No, other reason respondent is unable to do the task	3	.8	.8	100.0
	Total	356	98.3	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	6	1.7		
Total		362	100.0		

{ IF CfLet=1} 352

RT_CfLetEn2

Code how the respondent appeared to search through the letters

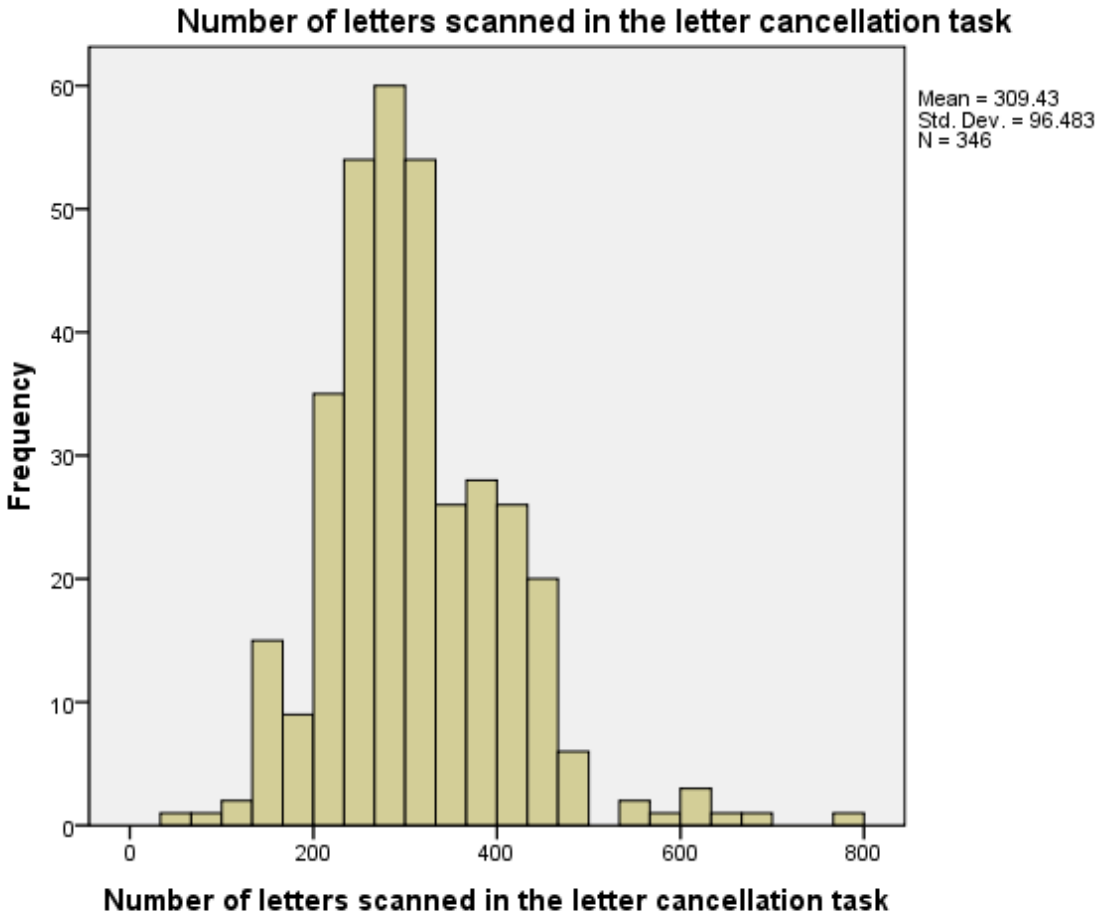
RT_CfLetEn2 Code how the respondent appeared to search through the letters

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 like they were reading a book (as requested)	307	84.8	87.2	87.2
	2 by scanning back and forth (left to right, then right to lef	45	12.4	12.8	100.0
	Total	352	97.2	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-26 respondent didnt understand the task or unable to perform the task	4	1.1		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	10	2.8		
Total		362	100.0		

JL_xnumscan *(Aggregate variable) [also see p55 of "NatCen Technical Report.pdf"]*

Number of letters scanned in the letter cancellation task

This calculation assumes that participants read the rows left to right.
JL_xnumscan = ((RT_NRow-1))*30 + RT_NClm



Valid =346

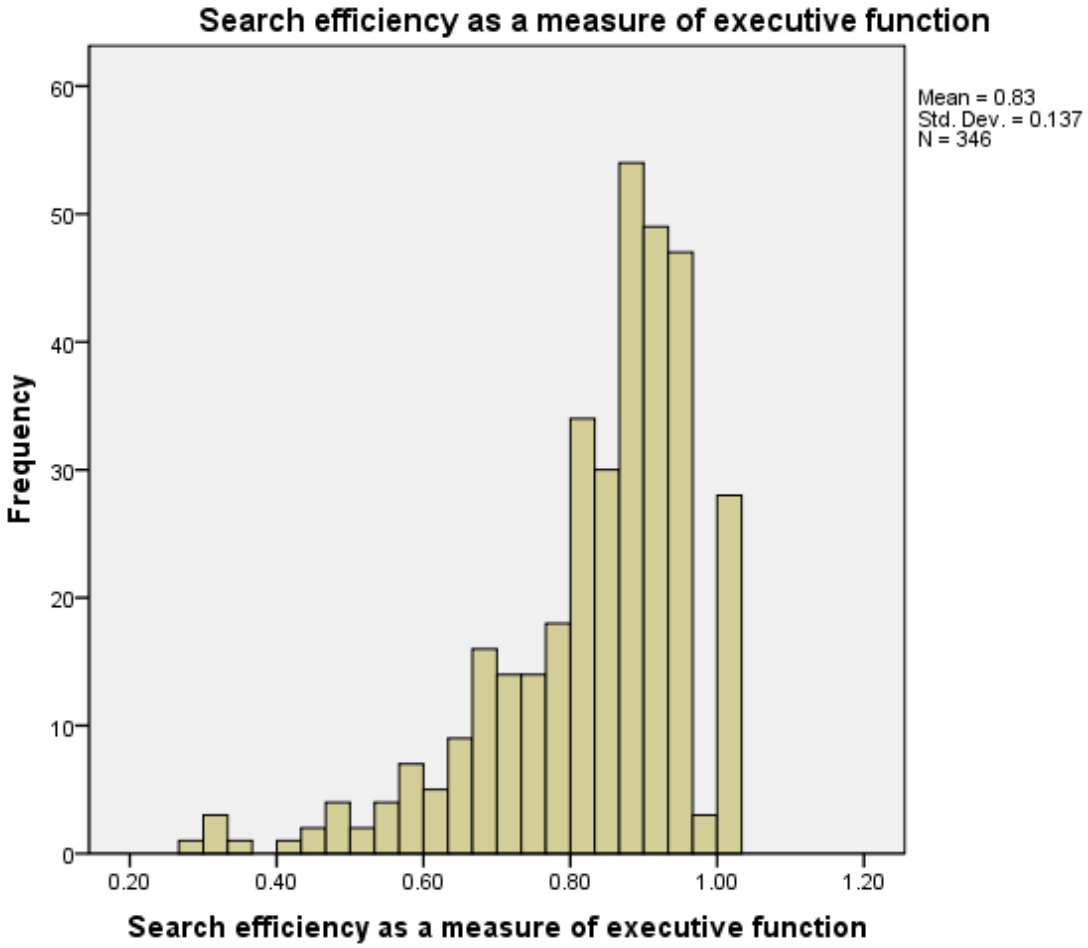
-89 'String file indicates impairment based on language'=1
-88 'String file indicates self-reported impairment'=3

-86 Respondent didn't understand the task or unable to perform the task=4
-85 Not asked: no consent or test not performed for other reason=1
-20 Partially productive missing=1
-1 Not applicable, includes refusals and don't knows=6

Total=362

KR_SearchEfficiency *(Aggregate variable) [also see p55 of "NatCen Technical Report.pdf"]*

Using NatCen method: number of correct letters cancelled divided by number of target letters reached



Valid=346
-89 'String file indicates impairment based on language'=1
-88 'String file indicates self-reported impairment'=3
-86 Respondent didn't understand the task or unable to perform the task=4
-85 Not asked: no consent or test not performed for other reason=1
-20 Partially productive missing=1
-1 Not applicable, includes refusals and don't knows=6
Total=362

Mean=83.05%

JL_prosSuccess *(Aggregate variable) [also see p55 of "NatCen Technical Report.pdf"]*

Performance on prospective memory task

(If RT_CfMem=1and RT_CfMemS=1) – to see how successful the respondents are in doing the following actions - No prompt given and wrote initials on top left hand corner

JL_prosSuccess Performance on prospective memory task

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Failure	142	39.2	40.0	40.0
	1 Success	213	58.8	60.0	100.0
	Total	355	98.1	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 test not performed: string file indicate do not feel up to it	4	1.1		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	7	1.9		
Total		362	100.0		

{IF (CfLis=1 OR CfLisSt=1) 327+30 AND {CfLisEn does not equal 97} 0 = (327 +30) ∩ (0) = 357
RT_CfLisD *[also see p55 of "NatCen Technical Report.pdf"]*

4. Word list – Second recall -
Enter the number of words the respondent correctly recalls

RT_CfLisD Number of words recalled (2nd word recall)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	9	2.5	2.5	2.5
	1	16	4.4	4.5	7.0
	2	9	2.5	2.5	9.6
	3	43	11.9	12.1	21.6
	4	62	17.1	17.4	39.0
	5	63	17.4	17.7	56.7
	6	60	16.6	16.9	73.6
	7	48	13.3	13.5	87.1
	8	27	7.5	7.6	94.7
	9	17	4.7	4.8	99.4
	10	2	.6	.6	100.0
	Total	356	98.3	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	6	1.7		
Total		362	100.0		

{IF CfConsent=1} 357
RT_CfLitSK

Is the respondent able to do the literacy test?

RT_CfLitSK Whether respondent able to do literacy questions.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	351	97.0	98.6	98.6
	2 No - sight difficulties	1	.3	.3	98.9
	3 No - health problems	1	.3	.3	99.2
	4 No - other reason	3	.8	.8	100.0
	Total	356	98.3	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	6	1.7		
Total		362	100.0		

{IF CfLitSK=4} 3
CfLitSO (located in Section 2)

Record other reason.

JL_litscore *(Aggregate variable) [also see p55 of "NatCen Technical Report.pdf"]*

Total number of correct answers in literacy test

The score varies from 0 to 3, where 0 is all answers incorrect, and 3 is all answers correct

JL_litscore Total number of correct answers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	11	3.0	3.1	3.1
	1	45	12.4	12.8	16.0
	2	85	23.5	24.2	40.2
	3	210	58.0	59.8	100.0
	Total	351	97.0	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates suspected reading impairment	6	1.7		
	-26 Respondent unable to do test due to sight/health/other problems	2	.6		
	-25 Not asked: no consent	1	.3		
	-20 partially productive missing	1	.3		
	Total	11	3.0		
Total		362	100.0		

JL_numscore *(Aggregate variable) [also see p55 of "NatCen Technical Report.pdf"]*

Total number of correct answers in numeracy test

The score varies from 0 to 4, where 0 is all answers incorrect, and 4 is all answers correct

JL_numscore Total number of correct answers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	3	.8	.8	.8
	1	14	3.9	3.9	4.8
	2	50	13.8	14.0	18.8
	3	90	24.9	25.3	44.1
	4	199	55.0	55.9	100.0
	Total	356	98.3	100.0	
Missing	-89 String file indicates impairment based on language	1	.3		
	-88 String file indicates self-reported impairment	3	.8		
	-25 Not asked: no consent or test not performed for other reason	1	.3		
	-20 partially productive missing	1	.3		
	Total	6	1.7		
Total		362	100.0		

TECHNOLOGY EXPERIENCE/USE

{ASK ALL}
MobFr

Calling on a mobile phone frequency – How often do you make calls on a mobile phone?

MobFr How often makes calls on a mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	198	54.7	55.0	55.0
	2 Occasionally	81	22.4	22.5	77.5
	3 Rarely	53	14.6	14.7	92.2
	4 Never	28	7.7	7.8	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
TextFr

Texting on a mobile phone frequency – How often do you send text messages on a mobile phone?

TextFr How often sends text messages on a mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	176	48.6	48.9	48.9
	2 Occasionally	68	18.8	18.9	67.8
	3 Rarely	40	11.0	11.1	78.9
	4 Never	76	21.0	21.1	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
DigcamFr

Digital camera frequency – How often do you take pictures with a digital camera, or your phone?

DigcamFr How often takes pictures with a digital camera, or phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	99	27.3	27.5	27.5
	2 Occasionally	115	31.8	31.9	59.4
	3 Rarely	71	19.6	19.7	79.2
	4 Never	75	20.7	20.8	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
DigTVFr

Digital TV frequency - How often do you use a remote control for digital TV?

DigTVFr How often uses a remote control for digital TV

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	324	89.5	90.3	90.3
	2 Occasionally	12	3.3	3.3	93.6
	3 Rarely	11	3.0	3.1	96.7
	4 Never	12	3.3	3.3	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

{ASK ALL}
CompFr

Computer frequency - How often do you use the Internet
(if asked, include browsing the Internet on a phone, or any other portable device)

CompFr How often uses the Internet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	234	64.6	65.0	65.0
	2 Occasionally	31	8.6	8.6	73.6
	3 Rarely	18	5.0	5.0	78.6
	4 Never	77	21.3	21.4	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
MP3Fr

MP3 player frequency– How often do you listen to MP3 tracks on a portable device , such as an iPod or your phone?

MP3Fr How often listens to MP3 tracks on a portable device, such as an iPod or phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	72	19.9	20.0	20.0
	2 Occasionally	57	15.7	15.8	35.8
	3 Rarely	46	12.7	12.8	48.6
	4 Never	185	51.1	51.4	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
XBoxFr

Console frequency - How often do you use a gaming console, such as XBOX Playstation or Wii?

XboxFr How often uses a gaming console, such as XBOX Playstation or Wii

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	25	6.9	6.9	6.9
	2 Occasionally	51	14.1	14.2	21.1
	3 Rarely	64	17.7	17.8	38.9
	4 Never	220	60.8	61.1	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
HandFr

Handheld touch screen frequency- How often do you use satellite navigation, like a tom-tom?

HandFr How often uses satellite navigation, like a tom-tom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Frequently	40	11.0	11.1	11.1
	2 Occasionally	63	17.4	17.5	28.6
	3 Rarely	51	14.1	14.2	42.8
	4 Never	206	56.9	57.2	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{IF MobFr = 1-3} 332
RT_MobDiff

Calling difficulty
How easy or difficult do you find calling on a mobile phone?

RT_MobDiff How easy or difficult finds calling on a mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	199	55.0	59.9	59.9
	2 Easy	98	27.1	29.5	89.5
	3 Neither easy nor difficult	25	6.9	7.5	97.0
	4 Difficult	10	2.8	3.0	100.0
	Total	332	91.7	100.0	
Missing	-41 Not asked: dont know	1	.3		
	-40 Not asked: never used	28	7.7		
	-20 partially productive missing	1	.3		
	Total	30	8.3		
Total		362	100.0		

{IF TextFr = 1-3} 284
RT_TextDiff

Texting difficulty
(How easy or difficult do you find …)

… sending text messages using a mobile phone?

RT_TextDiff How easy or difficult finds sending text messages using a mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	162	44.8	57.0	57.0
	2 Easy	82	22.7	28.9	85.9
	3 Neither easy nor difficult	23	6.4	8.1	94.0
	4 Difficult	13	3.6	4.6	98.6
	5 Very difficult	4	1.1	1.4	100.0
	Total	284	78.5	100.0	
Missing	-41 Not asked: dont know	1	.3		
	-40 Not asked: never used	76	21.0		
	-20 partially productive missing	1	.3		
	Total	78	21.5		
Total		362	100.0		

{IF DigcamFr = 1-3} 285
RT_DigCDiff

Digital camera difficulty
(How easy or difficult do you find …)

… taking pictures with a digital camera, or your phone?

RT_DigCDiff How easy or difficult finds taking pictures with a digital camera, or phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	136	37.6	47.7	47.7
	2 Easy	117	32.3	41.1	88.8
	3 Neither easy nor difficult	22	6.1	7.7	96.5
	4 Difficult	9	2.5	3.2	99.6
	5 Very difficult	1	.3	.4	100.0
	Total	285	78.7	100.0	
Missing	-41 Not asked: dont know	1	.3		
	-40 Not asked: never used digital camera	75	20.7		
	-20 partially productive missing	1	.3		
	Total	77	21.3		
Total		362	100.0		

{IF DigTVFr = 1-3} 347
RT_DigTVDiff

Digital TV difficulty
(How easy or difficult do you find …)

… using a remote control for digital tv?

RT_DigTVDiff How easy or difficult finds using a remote control for digital tv

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	234	64.6	67.4	67.4
	2 Easy	92	25.4	26.5	93.9
	3 Neither easy nor difficult	11	3.0	3.2	97.1
	4 Difficult	9	2.5	2.6	99.7
	5 Very difficult	1	.3	.3	100.0
	Total	347	95.9	100.0	
Missing	-41 Not asked: dont know	2	.6		
	-40 Not asked: never used digital TV	12	3.3		
	-20 partially productive missing	1	.3		
	Total	15	4.1		
Total		362	100.0		

{IF CompFr= 1-3} 283
RT_CompDiff

Computer difficulty
(How easy or difficult do you find …)

…using the internet?

RT_CompDiff How easy or difficult finds using the internet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	170	47.0	60.1	60.1
	2 Easy	87	24.0	30.7	90.8
	3 Neither easy nor difficult	16	4.4	5.7	96.5
	4 Difficult	7	1.9	2.5	98.9
	5 Very difficult	2	.6	.7	99.6
	6 Impossible	1	.3	.4	100.0
	Total	283	78.2	100.0	
Missing	-41 Not asked: dont know	1	.3		
	-40 Not asked: never used internet	77	21.3		
	-20 partially productive missing	1	.3		
	Total	79	21.8		
Total		362	100.0		

{IF MP3Fr= 1-3} 175
RT_MP3Diff

MP3 player difficulty
(How easy or difficult do you find …)

… listening to MP3 tracks on a portable device?

RT_MP3Diff How easy or difficult finds listening to MP3 tracks on a portable device

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	108	29.8	63.2	63.2
	2 Easy	42	11.6	24.6	87.7
	3 Neither easy nor difficult	14	3.9	8.2	95.9
	4 Difficult	6	1.7	3.5	99.4
	5 Very difficult	1	.3	.6	100.0
	Total	171	47.2	100.0	
Missing	-40 Not asked: never used mp3 player or dont know	186	51.4		
	-20 partially productive missing	1	.3		
	-8 Don't Know	4	1.1		
	Total	191	52.8		
Total		362	100.0		

{IF XBoxFr= 1-3} 140
RT_XBoxDiff

Console difficulty
(How easy or difficult do you find …)

… using a gaming console?

RT_XBoxDiff How easy or difficult finds using a gaming console

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	58	16.0	41.4	41.4
	2 Easy	55	15.2	39.3	80.7
	3 Neither easy nor difficult	17	4.7	12.1	92.9
	4 Difficult	5	1.4	3.6	96.4
	5 Very difficult	5	1.4	3.6	100.0
	Total	140	38.7	100.0	
Missing	-41 Not asked: dont know	1	.3		
	-40 Not asked: never used gaming console	220	60.8		
	-20 partially productive missing	1	.3		
	Total	222	61.3		
Total		362	100.0		

{IF HandFr= 1-3} 154
RT_HandDiff

Handheld touch screen difficulty
(How easy or difficult do you find …)

…using satellite navigation?

RT_HandDiff How easy or difficult find using satellite navigation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very easy	52	14.4	34.0	34.0
	2 Easy	66	18.2	43.1	77.1
	3 Neither easy nor difficult	19	5.2	12.4	89.5
	4 Difficult	13	3.6	8.5	98.0
	5 Very difficult	3	.8	2.0	100.0
	Total	153	42.3	100.0	
Missing	-40 Not asked: never used satellite navigation or dont know	207	57.2		
	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	209	57.7		
Total		362	100.0		

PRODUCT USE

{ASK ALL}
BProd

Approach to learning – Looking at show card Q, when you get a new piece of equipment, what is the main way you normally learn how to use it?

BProd Approach to learning new equipment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Try it out and see what happens	142	39.2	39.4	39.4
	2 Read the manual	163	45.0	45.3	84.7
	3 Contact customer service	1	.3	.3	85.0
	4 Ask someone to show me (e.g. friend/relative/colleague)	53	14.6	14.7	99.7
	5 Other(SPECIFY)	1	.3	.3	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{IF BProd=5} 1
BProdO (located in Section 2)
What other way do you learn how to use equipment.

JD_Pref_LowPrice *(Aggregate variable)*

Importance of low price

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_LowPrice Buying Preference: Importance of low price

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	72	19.9	39.8	39.8
	2 2nd choice	52	14.4	28.7	68.5
	3 1st choice	57	15.7	31.5	100.0
	Total	181	50.0	100.0	
Missing	-1 Did not list this factor in the top three factors	181	50.0		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 347

JD_Pref_Appearance *(Aggregate variable)*

Importance of appearance

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_Appearance Buying Preference: Importance of appearance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	50	13.8	50.0	50.0
	2 2nd choice	30	8.3	30.0	80.0
	3 1st choice	20	5.5	20.0	100.0
	Total	100	27.6	100.0	
Missing	-1 Did not list this factor in the top three factors	262	72.4		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 170

JD_Pref_Durability *(Aggregate variable)*

Importance of durability

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_Durability Buying Preference: Importance of durability

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	64	17.7	46.7	46.7
	2 2nd choice	55	15.2	40.1	86.9
	3 1st choice	18	5.0	13.1	100.0
	Total	137	37.8	100.0	
Missing	-1 Did not list this factor in the top three factors	225	62.2		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 228

JD_Pref_EnvImpact *(Aggregate variable)*

Importance of environmental impact

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_EnvImpact Buying Preference: Importance of environmental impact

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	17	4.7	58.6	58.6
	2 2nd choice	7	1.9	24.1	82.8
	3 1st choice	5	1.4	17.2	100.0
	Total	29	8.0	100.0	
Missing	-1 Did not list this factor in the top three factors	333	92.0		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 46

JD_Pref_EaseUse *(Aggregate variable)*

Importance of ease of use

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_EaseUse Buying Preference: Importance of ease of use

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	50	13.8	24.8	24.8
	2 2nd choice	72	19.9	35.6	60.4
	3 1st choice	80	22.1	39.6	100.0
	Total	202	55.8	100.0	
Missing	-1 Did not list this factor in the top three factors	160	44.2		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 434

JD_Pref_Quality *(Aggregate variable)*

Importance of quality

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection.

JD_Pref_Quality Buying Preference: Importance of quality

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	47	13.0	19.3	19.3
	2 2nd choice	83	22.9	34.2	53.5
	3 1st choice	113	31.2	46.5	100.0
	Total	243	67.1	100.0	
Missing	-1 Did not list this factor in the top three factors	119	32.9		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 552

JD_Pref_RangeFns *(Aggregate variable)*

Importance of range of functions

The top three numbers to the right represents the amount of times the above item was listed as first (**BuyPref1**), second (**BuyPref2**) or third (**BuyPref2**) reason for product selection

JD_Pref_RangeFns Buying Preference: Importance of range of functions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 3rd choice	51	14.1	30.2	30.2
	2 2nd choice	56	15.5	33.1	63.3
	3 1st choice	62	17.1	36.7	100.0
	Total	169	46.7	100.0	
Missing	-1 Did not list this factor in the top three factors	193	53.3		
Total		362	100.0		

Sum of choices (1st choice is worth 3, 2nd choice is worth 2, 3rd choice is worth 1) = 349

Aggregated priority list

Rank	**Factor**	**Aggregate score**
1	Quality	552
2	Ease-of-use	434
3	Range of functions	349
4	Low price	347
5	Durability	228
6	Appearance	170
7	Environmental impact	46

PSYCHOLOGICAL RESOURCES

{ASK ALL}
GiveUp

General Self-efficacy - I feel like giving up quickly when things go wrong.

Giveup Extent to which feels like giving up quickly when things go wrong

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Disagree strongly	139	38.4	38.6	38.6
	2 Disagree moderately	98	27.1	27.2	65.8
	3 Disagree a little	28	7.7	7.8	73.6
	4 Neither agree nor disagree	24	6.6	6.7	80.3
	5 Agree a little	48	13.3	13.3	93.6
	6 Agree moderately	13	3.6	3.6	97.2
	7 Agree strongly	10	2.8	2.8	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}
AlwaysSo

General Self-efficacy - When I am confronted with a problem, I can always find a solution.

AlwaysSo Extent to which believes when they're confronted with a problem, they always find a solution

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Disagree strongly	7	1.9	1.9	1.9
	2 Disagree moderately	23	6.4	6.4	8.4
	3 Disagree a little	37	10.2	10.3	18.7
	4 Neither agree nor disagree	24	6.6	6.7	25.3
	5 Agree a little	53	14.6	14.8	40.1
	6 Agree moderately	136	37.6	37.9	78.0
	7 Agree strongly	79	21.8	22.0	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

{ASK ALL}
ProdEff

Product self-efficacy **–** I am confident in my current skills and ability to learn how to use technology products.

ProdEff Extent to which is confident in current skills and ability to learn how to use technology products

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Disagree strongly	24	6.6	6.7	6.7
	2 Disagree moderately	18	5.0	5.0	11.7
	3 Disagree a little	26	7.2	7.2	18.9
	4 Neither agree nor disagree	16	4.4	4.5	23.4
	5 Agree a little	53	14.6	14.8	38.2
	6 Agree moderately	107	29.6	29.8	68.0
	7 Agree strongly	115	31.8	32.0	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

{ASK ALL}
ProdNerv

Product anxiety/Techno-phobia – I get nervous when using technology products that I haven't seen before.

ProdNerv Extent to which they get nervous when using technology products they haven't seen before

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Disagree strongly	98	27.1	27.3	27.3
	2 Disagree moderately	64	17.7	17.8	45.1
	3 Disagree a little	24	6.6	6.7	51.8
	4 Neither agree nor disagree	20	5.5	5.6	57.4
	5 Agree a little	77	21.3	21.4	78.8
	6 Agree moderately	31	8.6	8.6	87.5
	7 Agree strongly	45	12.4	12.5	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

INTERFACE STYLE EXPERIENCE

{ASK ALL}
IntResA *[also see p58 of "NatCen Technical Report.pdf"]*

"Select and confirm" style **-** *Code response for show CARD AA*

Correct response – pressed in order: down arrow, down arrow, left key)

IntResA Result of interface style test (A) - correct response - pressed in order: down arrow, down arrow, left key

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Correct buttons pressed in correct order	262	72.4	73.4	73.4
	2 Task not attempted	26	7.2	7.3	80.7
	3 Pressed down arrow, down arrow (did not press left key)	17	4.7	4.8	85.4
	4 Some other combination of buttons pressed	52	14.4	14.6	100.0
	Total	357	98.6	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	System	2	.6		
	Total	5	1.4		
Total		362	100.0		

{IF IntResA=2} 26
NtAttptAY (located in Section 2)

Please record reason task not attempted

{ASK ALL}
IntResB *[also see p58 of "NatCen Technical Report.pdf"]*

"Number navigation" style - *Code response for show CARD BB*

Correct response - pressed number 3

IntResB Result of interface style test (B) - correct response - pressed number 3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Correct button pressed	222	61.3	61.8	61.8
	2 Task not attempted	30	8.3	8.4	70.2
	3 Pressed number three, green key	32	8.8	8.9	79.1
	4 Some other combination of buttons pressed	75	20.7	20.9	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

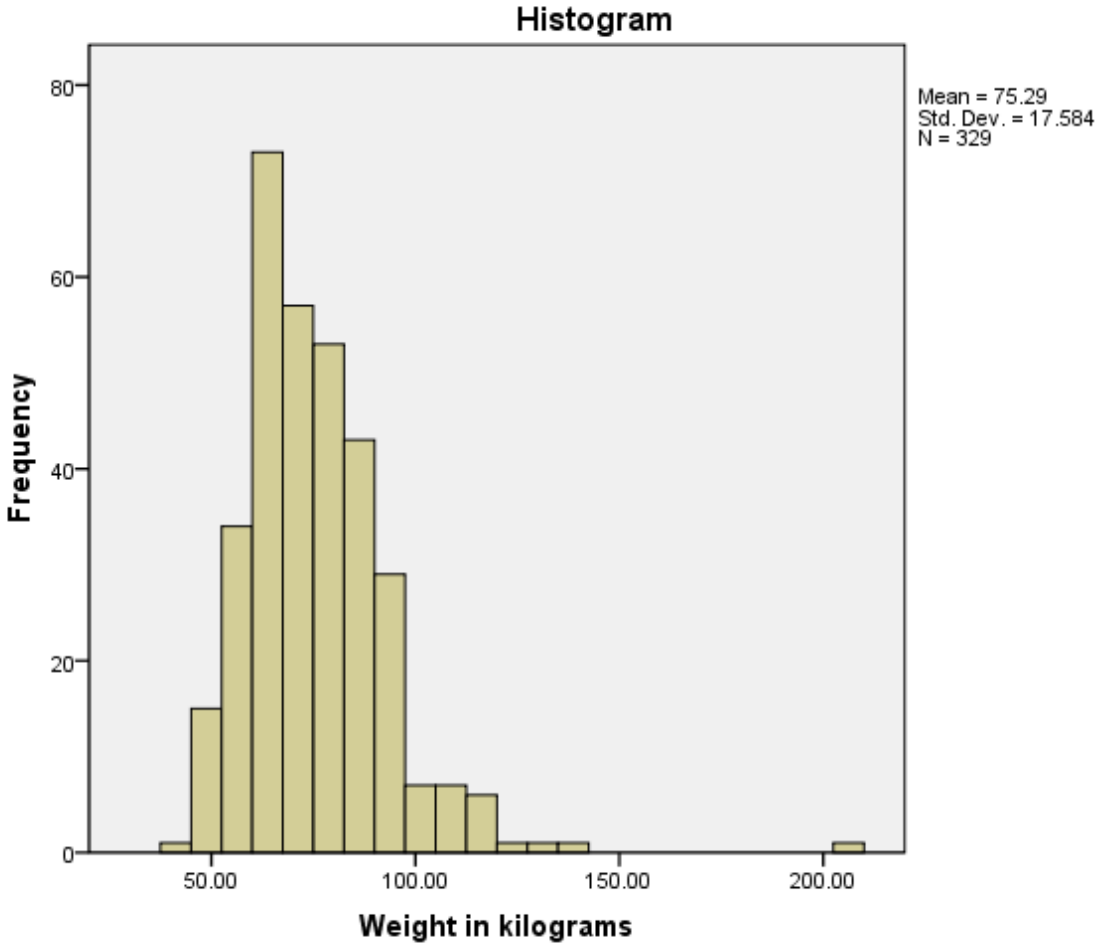
{IF IntResB=2} 30
NtAttptBY (located in Section 2)

Please record reason task not attempted

ANTHROPOMETRICS

JR_xweight *(Aggregate variable)*

Weight in kilograms (Recoded where respondent chose to answer in different units stones, pounds)



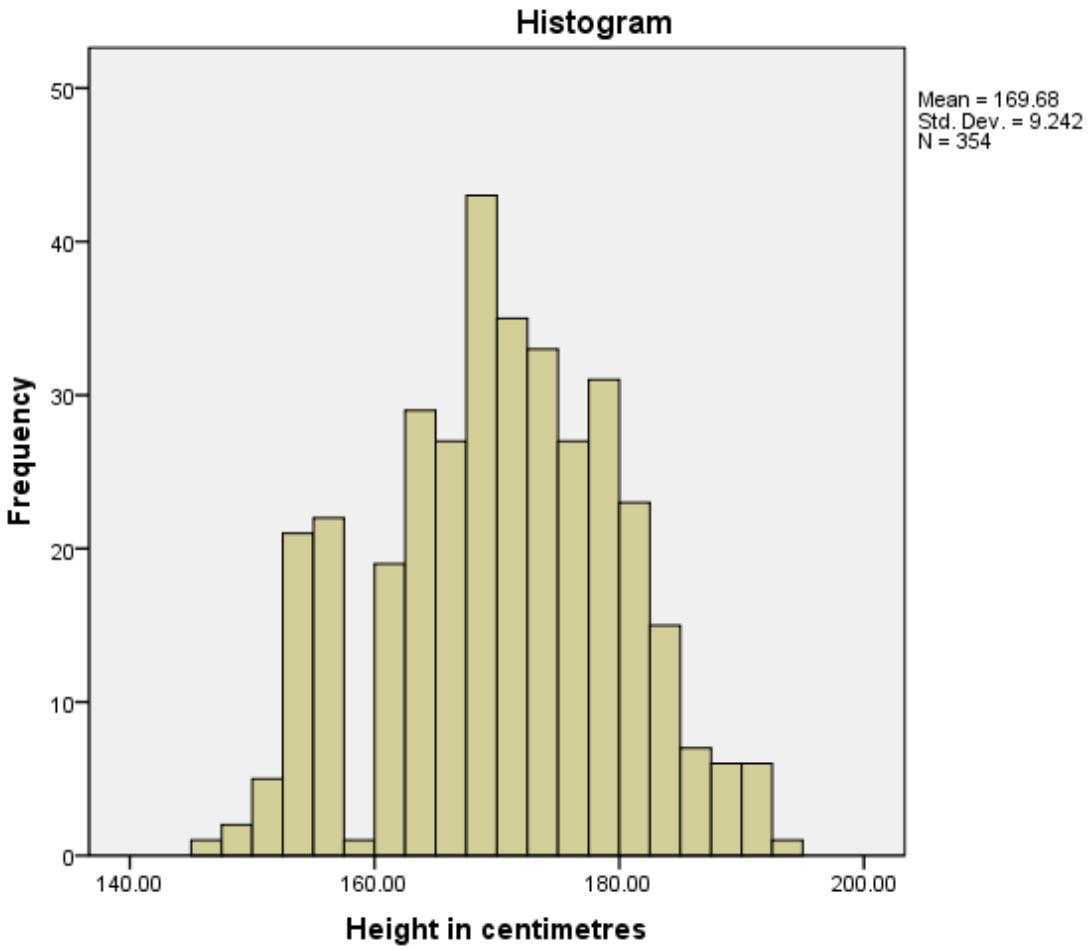
Valid= 329

Total 329
-20 Partially productive missing=1
-9 Missing: Refusal=8
-8 Missing: Don't know=24

Total = 362

JR_xheight *(Aggregate variable)*

Height in centimetres (regardless of whether the respondent chose to answer in feet/inches)



[N.B. graph indicates abnormality with results entry at 160 cm, possibly an artefact of conversion of some of the heights from feet and inches (Sam Waller 07/02/2012)]

Valid= 354

-20 Partially productive missing=1
-8 Missing: don't know=7

Total = 362

{ASK ALL}
BFinger

I would now like to measure the size of the index finger on your (dominant) hand

Bfinger Introduction to finger measurement

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Respondent agrees to finger measurement	357	98.6	98.9	98.9
	2 Respondent refuses finger measurement	3	.8	.8	99.7
	3 Unable to measure size of index finger for reason other than	1	.3	.3	100.0
	Total	361	99.7	100.0	
Missing	-20 partially productive missing	1	.3		
Total		362	100.0		

{IF BFinger=2} 3
BFingRef (located in Section 2)

Please record reason for refusal

{IF BFinger=3} 1
BFingUnab (located in Section 2)

Please record reason unable to take part in measurement

{IF BFinger=1} 357
RT_FinHole *[also see p59 of "NatCen Technical Report.pdf"]*

Code the first hole that the respondent is not able to fit their finger through.

RT_FinHole Number of first hole that the respondent is not able to fit their finger through

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Respondent put finger through all holes	5	1.4	1.4	1.4
	2 12mm	15	4.1	4.2	5.6
	3 14mm	91	25.1	25.5	31.1
	4 16mm	117	32.3	32.8	63.9
	5 18mm	83	22.9	23.2	87.1
	6 20mm	34	9.4	9.5	96.6
	7 22mm	10	2.8	2.8	99.4
	8 24mm	2	.6	.6	100.0
	Total	357	98.6	100.0	
Missing	-25 Not asked: no consent or test not performed for other reason	4	1.1		
	-20 partially productive missing	1	.3		
	Total	5	1.4		
Total		362	100.0		

DEMOGRAPHICS

Household tenure or living conditions

{ASK ALL}
Tenure
Firstly, in which of these ways does your household occupy this accommodation .. READ OUT …

Tenure Tenure

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Own it (with or without mortgage)	235	64.9	65.8	65.8
	2 Rent it	115	31.8	32.2	98.0
	3 Other (specify)	7	1.9	2.0	100.0
	Total	357	98.6	100.0	
Missing	-20 partially productive missing	1	.3		
	-9 Refusal	2	.6		
	-8 Don't Know	2	.6		
	Total	5	1.4		
Total		362	100.0		

{IF Tenure=3} 7
TenureO (located in Section 2)
ENTER OTHER ANSWER

Educational attainment

{Ask ALL}
AcaQual
SHOWCARD U
From this list, please tell me the highest qualification that you have obtained. Please just tell me the number on the lefthand side of the list.
HIGHEST = NEAREST THE TOP OF THE LIST ON THE SHOWCARD

AcaQual Highest academic qualification

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No, none of these	85	23.5	23.7	23.7
	1 GCSE Grade D-G etc	23	6.4	6.4	30.2
	2 GCSE Grade A*-C etc	81	22.4	22.6	52.8
	3 A-Level etc	45	12.4	12.6	65.4
	4 Certificate of Higher Education	25	6.9	7.0	72.3
	5 Foundation Degree	23	6.4	6.4	78.8
	6 Honours Degree	32	8.8	8.9	87.7
	7 Master s Degree	32	8.8	8.9	96.6
	8 Doctorates	2	.6	.6	97.2
	9 Other academic qualification	10	2.8	2.8	100.0
	Total	358	98.9	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	3	.8		
	Total	4	1.1		
Total		362	100.0		

{IF AcaQual=9} 10
OthAca (located in Section 2)

{Ask ALL}

VocQual

SHOWCARD V

Do you have any of the qualifications shown on this card?

IF YES: Please tell me the highest qualification that you have obtained. Please just tell me the number on the lefthand side of the list.

HIGHEST = NEAREST THE TOP OF THE LIST ON THE SHOWCARD

VocQual Highest vocational qualification

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No, none of these	188	51.9	52.7	52.7
	1 Level 1 NVQ etc	31	8.6	8.7	61.3
	2 Level 2 NVQ etc	35	9.7	9.8	71.1
	3 BTEC Level 3 etc	32	8.8	9.0	80.1
	4 BTEC Level 4 etc	8	2.2	2.2	82.4
	5 BTEC Level 5 etc	18	5.0	5.0	87.4
	6 BTEC Level 6 etc	6	1.7	1.7	89.1
	7 BTEC Level 7 etc	3	.8	.8	89.9
	8 BTEC Level 8 etc	5	1.4	1.4	91.3
	9 Other vocational qualification	31	8.6	8.7	100.0
	Total	357	98.6	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	4	1.1		
	Total	5	1.4		
Total		362	100.0		

{IF VocQual=9} 31

OthVoc (located in Section 2)

INTERVIEWER: ENTER DETAILS OF OTHER QUALIFICATION

1. Employment

{ASK ALL}
Activit
SHOWCARD W
Which one of these, would you say best describes your current situation?

Activit Current employment/activity status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Paid employment (full-time or part-time)	170	47.0	47.4	47.4
	2 Self-employment	18	5.0	5.0	52.4
	3 Unpaid work	2	.6	.6	52.9
	4 Unemployed	23	6.4	6.4	59.3
	5 Retired	106	29.3	29.5	88.9
	6 Looking after home or family	14	3.9	3.9	92.8
	7 Student	15	4.1	4.2	96.9
	8 Long term sick or disabled	11	3.0	3.1	100.0
	Total	359	99.2	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	2	.6		
	Total	3	.8		
Total		362	100.0		

{IF Activit=3, 4, 6, 7, 8, 9} 2+23+14+15+11+0= 65

RT_EverWork

Can I just check, have you ever worked?

RT_EverWork Whether ever worked

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	53	14.6	81.5	81.5
	2 No	12	3.3	18.5	100.0
	Total	65	18.0	100.0	
Missing	-43 Dont know	2	.6		
	-42 Not asked: respondent currently retired	106	29.3		
	-41 Not asked: respondent currently in self-employment	18	5.0		
	-40 Not asked: respondent currently in paid employment	170	47.0		
	-20 partially productive missing	1	.3		
	Total	297	82.0		
Total		362	100.0		

{IF Activit=1, 2, 5 OR EverWork=1} 347

OccT01 (removed from publicly hosted dataset for confidentiality)

What is/was the title of your main job?
ENTER JOB TITLE

{IF EverWork=1 OR Activit=5} 159

RT_Stat

In your last job were you working as an employee or were you self-employed?

RT_Stat Whether works/worked as an employee or is/was self-employed in current/last job

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Employee	146	40.3	92.4	92.4
	2 Self-employed	12	3.3	7.6	100.0
	Total	158	43.6	100.0	
Missing	-43 Dont know	2	.6		
	-42 Not asked: respondent currently in self-employment	18	5.0		
	-41 Not asked: respondent currently in paid employment	170	47.0		
	-40 Not asked: respondent never worked	12	3.3		
	-20 partially productive missing	1	.3		
	-9 Refusal	1	.3		
	Total	204	56.4		
Total		362	100.0		

{IF Activit=1 OR Stat=1} 316

Manage01

In your job, do/did you have formal responsibility for supervising the work of other employees?
DO NOT INCLUDE PEOPLE WHO ONLY SUPERVISE:
CHILDREN (E.G. TEACHERS, NANNIES, CHILDMINDERS),
ANIMALS,
SECURITY OR BUILDINGS (E.G.CARETAKERS, SECURITY GUARDS)

RT_Manage01 Whether has/had formal responsibility for supervising the work of other employees in current/last job

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	139	38.4	44.0	44.0
	2 No	177	48.9	56.0	100.0
	Total	316	87.3	100.0	
Missing	-44 Dont know	2	.6		
	-43 Refusal	1	.3		
	-42 Not asked: respondent never worked	12	3.3		
	-41 Not asked: respondent self-employed in last job	12	3.3		
	-40 Not asked: respondent self-employed currently	18	5.0		
	-20 partially productive missing	1	.3		
	Total	46	12.7		
Total		362	100.0		

{IF Activit=2 OR Stat=2} 30

RT_Solo

Are/Were you working on your own or did you have employees?

RT_Solo Whether works/worked on own or has/ employees in current/last job

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 On own	21	5.8	70.0	70.0
	2 With employees	7	1.9	23.3	93.3
	3 With partner(s) but no employees	2	.6	6.7	100.0
	Total	30	8.3	100.0	
Missing	-44 Dont know	2	.6		
	-43 Refusal	1	.3		
	-42 Not asked: respondent never worked	12	3.3		
	-41 Not asked: respondent in paid employment in last job	146	40.3		
	-40 Not asked: respondent in paid employment currently	170	47.0		
	-20 partially productive missing	1	.3		
	Total	332	91.7		
Total		362	100.0		

{IF Activit=1,2,5 OR Everwork=1} 347
RT_FTPT

In your (main) job are/were you working…
INTERVIEWER: Let the respondent decide whether the job is full time or part time.

RT_Solo Whether works/worked on own or has/ employees in current/last job

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 On own	21	5.8	70.0	70.0
	2 With employees	7	1.9	23.3	93.3
	3 With partner(s) but no employees	2	.6	6.7	100.0
	Total	30	8.3	100.0	
Missing	-44 Dont know	2	.6		
	-43 Refusal	1	.3		
	-42 Not asked: respondent never worked	12	3.3		
	-41 Not asked: respondent in paid employment in last job	146	40.3		
	-40 Not asked: respondent in paid employment currently	170	47.0		
	-20 partially productive missing	1	.3		
	Total	332	91.7		
Total		362	100.0		

2. Household income

{ASK ALL}
INCOME
SHOW CARD X

INCOME Household income

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 C - Under £5,000	18	5.0	6.0	6.0
	2 F - £5,000 - £9,999	40	11.0	13.4	19.4
	3 H - £10,000 - £14,999	43	11.9	14.4	33.8
	4 A - £15,000 - £19,999	30	8.3	10.0	43.8
	5 G - £20,000 - £24,999	25	6.9	8.4	52.2
	6 E - £25,000 - £29,999	33	9.1	11.0	63.2
	7 B - £30,000 - £34,999	21	5.8	7.0	70.2
	8 J - £35,000 - £39,999	17	4.7	5.7	75.9
	9 M - £40,000 - £44,999	15	4.1	5.0	80.9
	10 D - £45,000 - £49,999	11	3.0	3.7	84.6
	11 K - £50,000 - £74,999	29	8.0	9.7	94.3
	12 I - £75,000 - £99,999	11	3.0	3.7	98.0
	13 L - £100,000 or more	6	1.7	2.0	100.0
	Total	299	82.6	100.0	
Missing	-20 partially productive missing	1	.3		
	-9 Refusal	31	8.6		
	-8 Don't Know	31	8.6		
	Total	63	17.4		
Total		362	100.0		

3. Ethnicity

{ASK ALL}
Ethnic
SHOWCARD Y
From this card, to which of these ethnic groups do you consider you belong?

Ethnic Ethnic Group

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 White - British	310	85.6	86.1	86.1
	2 White - Irish	5	1.4	1.4	87.5
	3 White - Any other White background (please specify)	15	4.1	4.2	91.7
	4 Mixed - White and Black Caribbean	3	.8	.8	92.5
	5 Mixed - White and Black African	1	.3	.3	92.8
	6 Mixed - White and Asian	1	.3	.3	93.1
	7 Mixed - Any other mixed background (please specify)	1	.3	.3	93.3
	8 Asian or Asian British - Indian	6	1.7	1.7	95.0
	9 Asian or Asian British - Pakistani	5	1.4	1.4	96.4
	11 Asian or Asian British - Any other Asian background (please	1	.3	.3	96.7
	12 Black or Black British - Caribbean	2	.6	.6	97.2
	13 Black or Black British - African	7	1.9	1.9	99.2
	15 Chinese	2	.6	.6	99.7
	95 Any other (please specify)	1	.3	.3	100.0
	Total	360	99.4	100.0	
Missing	-20 partially productive missing	1	.3		
	-8 Don't Know	1	.3		
	Total	2	.6		
Total		362	100.0		

{ASK ALL}

Outcome

FINAL OUTCOME FOR HOUSEHOLD INTERVIEW

Outcome FINAL OUTCOME FOR HOUSEHOLD INTERVIEW

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	110 productive interview	361	99.7	99.7	99.7
	210 partially productive interview	1	.3	.3	100.0
	Total	362	100.0	100.0	

{ASK ALL}

Weight

weighting factor

Automatically calculated weighting factor for the respondent
Total resident population 2009 – based on ONS mid-year estimates 2009
For more information visit:
http://www.statistics.gov.uk/statbase/Product.asp?vlnk=15106&More=Y

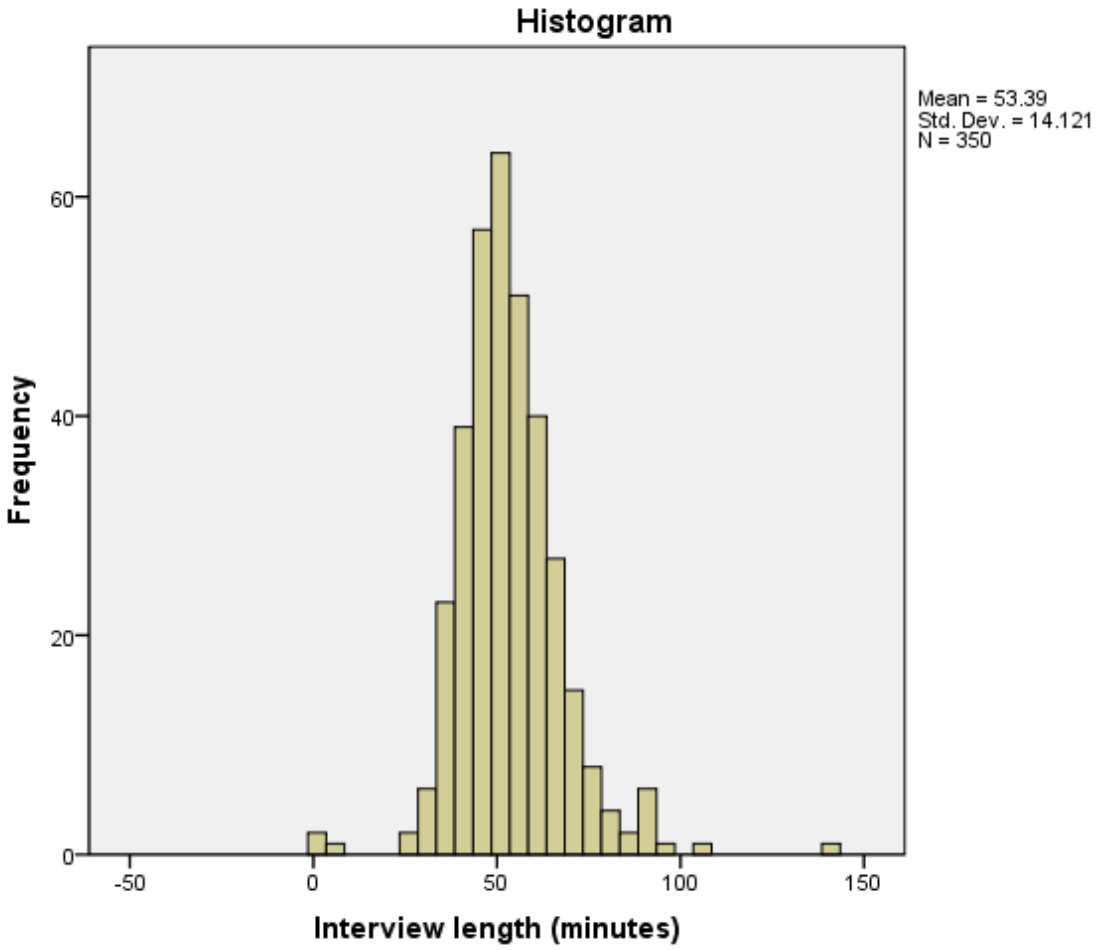
Sample

	Males	% M	Females	% F
16-24	33	9.1%	18	4.8%
25-34	18	4.9%	22	6.1%
35-44	34	9.3%	39	10.6%
45-54	29	8.0%	41	11.3%
55-64	26	7.1%	32	8.9%
65-74	18	5.0%	23	6.3%
75-84	17	4.6%	7	1.9%
85-94	2	0.5%	5	1.4%
Total	175	48.5%	187	51.5%

The final weight was calibrated to age, sex and GOR separately so the sample proportions of age within sex are not necessarily comparable to the population. The sample table above shows that some of the cell sizes for age within sex are very small, which is why the final weights are not calibrated to age within sex. It would be inadvisable to calibrate the sample weight to age within sex as the small cell sizes would more than likely result in very variable weights.

Further detail is available in the accompanying NatCen technical report.

IntLen1
Interview length in minute s



Statistics

IntLen1 Interview length (minutes)

N	Valid	350
	Missing	12

{ASK ALL}
LangProf

Language proficiency – Respondent's ability to speak and understand spoken English.

(Interviewer to assess ability based on this interview)

LangProf Respondent's ability to speak and understand spoken English (Interviewer Assessed)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Good	344	95.0	95.0	95.0
	2 Fair	15	4.1	4.1	99.2
	3 Poor	3	.8	.8	100.0
	Total	362	100.0	100.0	

PSU

Primary Sampling Unit (postcode)

PSU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	101	12	3.3	3.3	3.3
	102	19	5.2	5.2	8.6
	103	10	2.8	2.8	11.3
	104	14	3.9	3.9	15.2
	105	12	3.3	3.3	18.5
	106	19	5.2	5.2	23.8
	107	9	2.5	2.5	26.2
	108	8	2.2	2.2	28.5
	109	12	3.3	3.3	31.8
	110	21	5.8	5.8	37.6
	111	13	3.6	3.6	41.2
	112	13	3.6	3.6	44.8
	113	12	3.3	3.3	48.1
	114	10	2.8	2.8	50.8
	115	7	1.9	1.9	52.8
	116	10	2.8	2.8	55.5
	117	11	3.0	3.0	58.6
	118	12	3.3	3.3	61.9
	119	13	3.6	3.6	65.5
	120	7	1.9	1.9	67.4
	121	14	3.9	3.9	71.3
	122	15	4.1	4.1	75.4
	123	8	2.2	2.2	77.6
	124	16	4.4	4.4	82.0
	125	8	2.2	2.2	84.3
	126	5	1.4	1.4	85.6
	127	2	.6	.6	86.2
	128	11	3.0	3.0	89.2
	129	18	5.0	5.0	94.2
	130	21	5.8	5.8	100.0
	Total	362	100.0	100.0	

SECTION 2: TEXT COMMENTS INPUTTED BY INTERVIEWERS

Serial	Question	Answer
10405	QBHearTest.HtestRf	just had a hearing not happy to do it
12032	QBHearTest.HtestRf	Is not capable of performing test
12817	QBHearTest.HtestRf	NOT GOOD DO NOT WANT TO DO IT
10901	QBHearTest.HtestUn	mp3 not working
10904	QBHearTest.HtestUn	mp3 not working
10912	QBHearTest.HtestUn	mpr not working
10915	QBHearTest.HtestUn	mpr not working
10920	QBHearTest.HtestUn	mp3 not working
10921	QBHearTest.HtestUn	mpr not working
10923	QBHearTest.HtestUn	equipment not working
10929	QBHearTest.HtestUn	mp3 not working
11601	QBHearTest.HtestUn	no sound available
11633	QBHearTest.HtestUn	mp3 would not work. when I got it back home it was working again - so reason not known
12524	QBHearTest.HtestUn	Didn't realise it was necessary
10618	QBHVision.MajVisO	CONTACT LENSES
10112	QBHVision.VisconO	Loss of right eye at age of 60 yrs
10433	QBHVision.VisconO	short sighted
10616	QBHVision.VisconO	longsightnedess
10623	QBHVision.VisconO	LONGSIGHTED
10626	QBHVision.VisconO	stigmatism
10629	QBHVision.VisconO	SHORTSIGHTDNESS
10709	QBHVision.VisconO	STIGMATISM
10710	QBHVision.VisconO	SUFFERS FROM A STAGMA" AND LAZY EYE"
10812	QBHVision.VisconO	SHORTSIGHTED
10818	QBHVision.VisconO	MILDLY SHORT SIGHTED
11124	QBHVision.VisconO	A touch of stigmatism.
11131	QBHVision.VisconO	Blood in the eyes across the middle.
11208	QBHVision.VisconO	high pressure behind eyes
11217	QBHVision.VisconO	vitrious aqua detachment
11515	QBHVision.VisconO	SHORT SIGHTED
11526	QBHVision.VisconO	short sighted
11533	QBHVision.VisconO	right eye is much less vision due to accident as a child
11607	QBHVision.VisconO	Aides Syndrome (one pupil does not dilate)
11610	QBHVision.VisconO	long sited
11711	QBHVision.VisconO	stigmatism
11728	QBHVision.VisconO	dry eye
11933	QBHVision.VisconO	kerataconus
12131	QBHVision.VisconO	Lazy eye - Right
12209	QBHVision.VisconO	a stigmatism
12419	QBHVision.VisconO	ambliotic left eye?
12613	QBHVision.VisconO	stigmatism
12902	QBHVision.VisconO	needs reading glasses
12903	QBHVision.VisconO	homes ad
12914	QBHVision.VisconO	short sighted
12930	QBHVision.VisconO	cataracts
13026	QBHVision.VisconO	stigmatisam
13031	QBHVision.VisconO	non hodgkinsons disease

10304	QBVisTest.DisVisUn	does not use glasses for long distance
10107	QBVisTest.RdVis1Naid	had taken off glasses for first test
12524	QBVisTest.VisIntRf	Not prepared
12032	QBVisTest.VisIntUn	Not able to rad contents
12803	QBVisTest.VisIntUn	cANNOT BE BOTHERED
12820	QBVisTest.VisIntUn	DYSLEXIA
10628	QCOG.CfIntO	RESP FEELS NOT ABLE TO DO IT
11008	QCOG.CfIntO	suffers blank outs
11109	QCOG.CfIntO	did not fully understand what was involved - language problems
12524	QCOG.CfIntOth	Had no prior knowledge of this - not prepared
12817	QCOG.CfIntOth	ON TABLETS I AM USING WILL AFFECT MY MEMORY WILL NOT BE A TRU
11611	QCOG.CfLitSO	cannot read or write
12406	QCOG.CfLitSO	reading not very good
12820	QCOG.CfLitSO	DYXLEXSIA
10112	QCOG.CfProMO	do not feel upto it
10112	QCOG.CfWhatO	Only has the use of one eye
10125	QCOG.CfWhatO	Respondent has dyspraxia
11717	QDemog.ActivitO	maternity leave
10125	QDemog.EthOth	American Indian Grandparents
10811	QDemog.EthOth	AUSTRIAN
10812	QDemog.EthOth	SWEDISH
11007	QDemog.EthOth	polish
11109	QDemog.EthOth	polish
11131	QDemog.EthOth	English, not british.//
11232	QDemog.EthOth	scandinavian
11325	QDemog.EthOth	american
11533	QDemog.EthOth	PORTUGUESE
11606	QDemog.EthOth	South african whit
11607	QDemog.EthOth	White English
11630	QDemog.EthOth	mixed backgroung - mother kenyan / father Austrian
11701	QDemog.EthOth	slovakia
11824	QDemog.EthOth	spanish
11926	QDemog.EthOth	mexican
12105	QDemog.EthOth	POLISH
12132	QDemog.EthOth	Philopino
12210	QDemog.EthOth	south african
12931	QDemog.EthOth	american
10112	QDemog.OthAca	Passed 11 plus at school and left school at age of 14
10208	QDemog.OthAca	general certificate
10304	QDemog.OthAca	nvq3 in child care/ diploma in IT
10604	QDemog.OthAca	DIPLOMA NURSING
10620	QDemog.OthAca	RSA TYPING
11325	QDemog.OthAca	qualified motor mechanic,two years in architect college
11422	QDemog.OthAca	NVQ & Citizen & Guild Bricklaying carpentry
11427	QDemog.OthAca	Certificate of childcare education
12105	QDemog.OthAca	POLISH QUALIFICATIONS
12229	QDemog.OthAca	library skills
12801	QDemog.OthAca	PROFESSIONAL ACCOUNTANT CIMA
12901	QDemog.OthAca	fasoin
12902	QDemog.OthAca	diploma in speach and drama
13011	QDemog.OthAca	diploma in nursing
13028	QDemog.OthAca	MICE
10106	QDemog.OthVoc	Teaching certificate in 1954
10110	QDemog.OthVoc	Computer field diplomas

10112	QDemog.OthVoc	Engineering licence on engines and air frames in 1940's
10116	QDemog.OthVoc	Degree in horse mastership
10127	QDemog.OthVoc	Royal Institute of Chartered Surveyors level 2
10203	QDemog.OthVoc	airline transport pilots licence
10220	QDemog.OthVoc	HND Electrical Engineering
10222	QDemog.OthVoc	fellowship chartered insurance institute
10228	QDemog.OthVoc	ECDL
10230	QDemog.OthVoc	pitmans typing qualifications
10233	QDemog.OthVoc	In 3rd year of CIMA
10314	QDemog.OthVoc	advanced engineering
10414	QDemog.OthVoc	sports qualification
10426	QDemog.OthVoc	city &guilds
10433	QDemog.OthVoc	city & guilds
10616	QDemog.OthVoc	rsa pitman
10912	QDemog.OthVoc	hnd level 3 in computing
10915	QDemog.OthVoc	apprenticed
10916	QDemog.OthVoc	corgi gas qualification
11001	QDemog.OthVoc	flt licence
11006	QDemog.OthVoc	rsa shorthand & typing
11012	QDemog.OthVoc	dance teaching diploma
11023	QDemog.OthVoc	certif in training practice
11024	QDemog.OthVoc	registered nurse level 1
11113	QDemog.OthVoc	nursing s.r.n.
11114	QDemog.OthVoc	engineering fabrications course
11202	QDemog.OthVoc	Personal Licence for Pub
11216	QDemog.OthVoc	Registered Mental Nurse
11217	QDemog.OthVoc	Teaching Certificate
11220	QDemog.OthVoc	cHARTERED eNGINEER
11224	QDemog.OthVoc	RSA 100 words per minute
11225	QDemog.OthVoc	Enviromental Health Qualification
11301	QDemog.OthVoc	city and guilds-teaching qual. in further ed. and art
11312	QDemog.OthVoc	2 cooking certs, and welding certs and nuclear welding for s
11325	QDemog.OthVoc	qualified motor mechanic, two years in architect college
11515	QDemog.OthVoc	1 YEAR DIPLOMA
11533	QDemog.OthVoc	MACHANIC CERTIFICATE
11821	QDemog.OthVoc	NNEB
11933	QDemog.OthVoc	nursing qualification SRN
12002	QDemog.OthVoc	higher national certificate in mechanical engineering
12021	QDemog.OthVoc	C EE CME CPE
12115	QDemog.OthVoc	Pitman qualifications
12216	QDemog.OthVoc	NVQ LEVEL 4
12419	QDemog.OthVoc	educated in army
12801	QDemog.OthVoc	NVQ LEVEL 4 AAT ASSOCIATION OF ACCOUNTING TECHNICIANS
12925	QDemog.OthVoc	city and guilds level 2
13020	QDemog.OthVoc	national dipl
13028	QDemog.OthVoc	MICE
11014	QDemog.TenureO	temporary rent free
11120	QDemog.TenureO	temporary tenant
11318	QDemog.TenureO	accom provided by school
11731	QDemog.TenureO	lives with mum
12106	QDemog.TenureO	SOCIAL HOUSING PAID DIRECTLY
12809	QDemog.TenureO	barrack houses
13033	QDemog.TenureO	OWNED BY CHURCH GOES WITH JOB
10501	QDexter.DexProb2Reas	injury

10224	QDexter.DextUnable	cant see to pick up - macular degeneration
12524	QDexter.DextUnable	Not prepared
12803	QDexter.DextUnable	operation on both hands
10224	QFinger.BfingRef	getting irritated by measurements
11218	QFinger.BfingRef	didnt want to do it - tired & confused
12510	QFinger.BfingRef	Needs to go out now
12524	QFinger.BfingUnab	Doesn't want to
10224	QGrip.MMGSPrX	fibrecytis effects arm
10231	QGrip.MMGSPrX	problems with some fingers due to 'Dupitons' or 'Jupitons'
10616	QGrip.MMGSPrX	resp was squeezing for longer thsan 2 secs
11104	QGrip.MMGSPrX	very shaky with both hands
11218	QGrip.MMGSPrX	struggled on 2nd attempt
11830	QGrip.MMGSPrX	swollen right hand, possibly due to rheumatismm
12313	QGrip.MMGSPrX	Hand tremors especially left hand
10510	QGrip.MMGSWN	
10511	QGrip.MMGSWN	
10524	QGrip.MMGSWN	HANDS PAINFUL
11002	QGrip.MMGSWN	injury to hands recently
11008	QGrip.MMGSWN	getting stomach cramps doing previous test
11012	QGrip.MMGSWN	problems with gripping due to arthritis
12217	QGrip.MMGSWN	because tthe lady has tennis elbow and is in discomfor
12228	QGrip.MMGSWN	unable to lift and support the device
12403	QGrip.MMGSWN	did not do test as pressed wrong button at previous question
12514	QGrip.MMGSWN	Time is tight for them
12524	QGrip.MMGSWN	Unwell
12803	QGrip.MMGSWN	operation on bpoth hands cannot grip
10106	QInter1.NtAttptAY	Respondent pressed wrong keys
10224	QInter1.NtAttptAY	eyesight
10607	QInter1.NtAttptAY	DID NOT KNOW WHAT TO DO
11005	QInter1.NtAttptAY	no idea how to do it
11008	QInter1.NtAttptAY	no idea how to do it
11021	QInter1.NtAttptAY	did not know
11314	QInter1.NtAttptAY	doesnt know
12129	QInter1.NtAttptAY	No idea what buttons to press
12203	QInter1.NtAttptAY	didn't know how
12229	QInter1.NtAttptAY	didn't know where to start
12406	QInter1.NtAttptAY	do not know how to use
13024	QInter1.NtAttptAY	not used to this type of phone lost looking at it
10224	QInter1.NtAttptBY	eyesight
10607	QInter1.NtAttptBY	DID NOT KNOW WHAT TO DO
11005	QInter1.NtAttptBY	dont know how to do it
12129	QInter1.NtAttptBY	No idea what buttons to press
12229	QInter1.NtAttptBY	didn't know where to start
12403	QInter1.NtAttptBY	resp only knows on and of buttons,no idea what else to press
12406	QInter1.NtAttptBY	do not know how to use
13007	QInter1.NtAttptBY	cant get used to other phones apart from hers
10231	QInter2.NtAttptAY	didnt know how to do it
10524	QInter2.NtAttptAY	DID NOT KNOW HOW TO DO IT
11006	QInter2.NtAttptAY	dont know
11130	QInter2.NtAttptAY	Respondent did not have a clue of which buttons to press.
11217	QInter2.NtAttptAY	No idea
11218	QInter2.NtAttptAY	no idea- never used one
11328	QInter2.NtAttptAY	don't know
11821	QInter2.NtAttptAY	did not know which knob to bring up calender - also later suggested "select"

12002	QInter2.NtAttptAY	notm confident enough
12232	QInter2.NtAttptAY	RESPONDENT HAD TO LEAVE
12313	QInter2.NtAttptAY	did not understand what the keys did or how a pjone operates
12412	QInter2.NtAttptAY	has no clue
12515	QInter2.NtAttptAY	Just not confident with anything to do with mobile phones
12833	QInter2.NtAttptAY	confused
12902	QInter2.NtAttptAY	could not work it ut
12911	QInter2.NtAttptAY	dont know how to do it
12914	QInter2.NtAttptAY	dont know
12926	QInter2.NtAttptAY	did nt know what to press
10309	QInter2.NtAttptBY	do not have a clue
10319	QInter2.NtAttptBY	has not got a clue what to do
10824	QInter2.NtAttptBY	DID NOT KNOW HOW
10929	QInter2.NtAttptBY	Don't know
11001	QInter2.NtAttptBY	dont know
11127	QInter2.NtAttptBY	Wouldnt no which button to press.
11130	QInter2.NtAttptBY	Respondent did not have a clue on which buttons to press.
11133	QInter2.NtAttptBY	no clue how to do it
11217	QInter2.NtAttptBY	No idea
11218	QInter2.NtAttptBY	no idea
11916	QInter2.NtAttptBY	never uses a mobilephone!
12002	QInter2.NtAttptBY	not confident enough
12232	QInter2.NtAttptBY	RESPONDENT HAD TO LEAVE
12313	QInter2.NtAttptBY	did not understand what the keys are or what the phone could do
12412	QInter2.NtAttptBY	does not know
12515	QInter2.NtAttptBY	see before
12914	QInter2.NtAttptBY	dont know
13015	QInter2.NtAttptBY	WASN'T SURE HOW TO DO IT
10623	QMob.MoaidHO	HOLD ONTO BANNISTERS
11218	QMob.MobaidsO	unable to get out
12228	QMob.MobaidsO	mobility buggy
10210	QMobTest.BMobUnable	6 mos pregnant
10224	QMobTest.BMobUnable	cant see except with magnifying glass
12313	QMobTest.BMobUnable	Does not like Mobiles as they are too small and fiddly cant use fingers properly not interested in Mobiles
12515	QMobTest.BMobUnable	Not great with his hands found grip test a bit hard
12524	QMobTest.BMobUnable	Not prepared to do this
12002	QMobTest.MobResFail	hand shake
12504	QMobTest.MobResFail	The phone's battery was flat
10912	QMobTest.MobRs2UnS	lost right screen
12504	QMobTest.MobRs2UnS	See before
10208	QMobTest.MPResUns	not fully inserted
10209	QMobTest.MPResUns	jack not inserted completely
10218	QMobTest.MPResUns	jack not fully inserted
10225	QMobTest.MPResUns	not fully inserted
10228	QMobTest.MPResUns	NOT IN FULLY
10230	QMobTest.MPResUns	didnt insert fully
10330	QMobTest.MPResUns	half way in
10613	QMobTest.MPResUns	jack was not pushed right in
10620	QMobTest.MPResUns	WAS NOT PUT IN PRO[PERLY
10633	QMobTest.MPResUns	NOT PUSHED IN ENOUGH
10709	QMobTest.MPResUns	ONLY PARTIALLY INSERTED JACK
10713	QMobTest.MPResUns	DID NOT INSERT JACK FULLY, DID NOT PRESS IT HOME

10904	QMobTest.MPResUns	not pushed infully
10913	QMobTest.MPResUns	not fully pushed in
10915	QMobTest.MPResUns	not pushed fully in
10917	QMobTest.MPResUns	not fu;;y pushed in
10921	QMobTest.MPResUns	not fully inserted
11001	QMobTest.MPResUns	half inserted
11002	QMobTest.MPResUns	half way in
11005	QMobTest.MPResUns	only halfway in
11006	QMobTest.MPResUns	half way in
11007	QMobTest.MPResUns	half in
11009	QMobTest.MPResUns	not fully inserted
11017	QMobTest.MPResUns	half in
11019	QMobTest.MPResUns	half inserted
11104	QMobTest.MPResUns	half inserted
11113	QMobTest.MPResUns	halfway
11133	QMobTest.MPResUns	only half in
11425	QMobTest.MPResUns	half way in with plug
11433	QMobTest.MPResUns	not fully in the socket
11611	QMobTest.MPResUns	only half inserted
11630	QMobTest.MPResUns	not fully in
11631	QMobTest.MPResUns	could not find socket
11706	QMobTest.MPResUns	not fully inserted.The input point should be marked.
11802	QMobTest.MPResUns	not fully in
11813	QMobTest.MPResUns	jack not fully inserted
11820	QMobTest.MPResUns	not fully inserted
11830	QMobTest.MPResUns	not fully inserted
12132	QMobTest.MPResUns	Not fully inserted
12207	QMobTest.MPResUns	not fully inserted
12213	QMobTest.MPResUns	NOT INSERTED FULLY
12217	QMobTest.MPResUns	not fully pushed in
12223	QMobTest.MPResUns	not fully inserted
12226	QMobTest.MPResUns	not fully inserted
13007	QMobTest.MPResUns	time ran out
10330	QMobTest.USBResUns	found it difficult
11218	QMobTest.USBResUns	could not do it
12106	QMobTest.USBResUns	USB WRONG WAY AROUND
10110	QProd.BprodO	Depends on device and if self instructions
12524	QReach.Bothreas	Bad lowr back - respondent is over 80 years old

Protocol for recoding the corrected vision variables

Protocol for recoding the corrected vision variables

The correct vision variables were obtained by analysing the booklets by hand and inputting the raw data thus obtained. The protocol for analysing the booklets was as follows.

JD_DV_Thres_Corrected_Row (Distance threshold)

For distance vision: If the participant did not use a distance vision aid, then code the vision result without vision aids. If they did use one, code the result with aids.

Examine the SPSS entry for the relevant variables. If the participant did not use a distance aid, these are SW_DisVis4, SW_DVError, SW_DVisThre and DS_DVisRow. If the participant did use an aid, these are: SW_DGLs3, SW_DGWeeoe, SW_DGLSThre and SW_DGLSRow.

For near vision: Code the result for both without and with vision aids, into separate variables. If they did use one, code the result with aids.

Examine the SPSS entry for the relevant variables. Without a near vision aid, these are SW_NearVis3, SW_NVError, SW_NVThres and SW_NVThres2. If the participant did use an aid, these are: SW_ReadVis3, SW_RVError, SW_HReadThr and SW_HReadTh2.

Both

If the SPSS entry contradicts itself (e.g. participant went down chart but finishing row is higher or equal to starting row) or the booklet unambiguously contradicts the SPSS entry then

- Try to reconstruct the data from the booklet
  If this is possible, accept this new data
  If this is not possible, then code as missing using the following codes:
  - -250 if the booklet indicates that the interviewer directed the participant the wrong way up/down the chart
  - -251 if the booklet is missing
  - -252 if it is impossible to reconstruct the code from the booklet
  - -253 if the interviewer terminated the test when the participant made 1 error instead of 2 errors

Else, accept the original SPSS entry as correct.

In interpreting the booklets, we assume:

- A ticked row means that the participant made 1 or less errors on that row
- A crossed row means that the participant made 2 or more errors on that row
- A ticked box means that the participant read that letter correctly
- A crossed box means that the participant read that letter incorrectly
- Blank rows and boxes are interpreted in the context of other rows and the SPSS data. A single blank row at the end means nothing.

If an interviewer uses a different convention for marking their booklets, they are consistent and we can figure out their convention from their booklets and SPSS entries, then this convention is applied when interpreting all their booklets.

SECTION 3: SPSS syntax for most of the numerical operations performed to produce the processed dataset

The only numerical computations not included in this syntax are:

- missing values for the partially productive case were treated by manually selecting only this case, and then recoding all variables so that missing values became -20.
- duplicates of several variables were produced by renaming variables within a copy of the dataset, then merging these renamed variables into the 'live' dataset (this approach was used because it automatically kept the associated variable and value labels). These duplicated variables have the same variable name as their corresponding originals, apart from a prefix of two letters.

```
/*******************************************start of vision module
(by Sam and Joy)

/********************start of aggregate vision aid variables


/**************start of code to compute SW_DiffAidForReading

/*code new variable to determine whether the participant had a
different strategy for reading

COMPUTE SW_DiffAidForReading=-99.


IF  (Majvis1a = 1) SW_DiffAidForReading=1.

IF  (Majvis1a = 2) SW_DiffAidForReading=2.


IF  (Majvis2a = 1) SW_DiffAidForReading=1.

IF  (Majvis2a = 2) SW_DiffAidForReading=2.


IF  (Majvis3a = 1) SW_DiffAidForReading=1.

IF  (Majvis3a = 2) SW_DiffAidForReading=2.

IF  (VALUE(Majvis3a) = -8) SW_DiffAidForReading=-8.


IF  (Majvis4a = 1) SW_DiffAidForReading=1.

IF  (Majvis4a = 2) SW_DiffAidForReading=2.


IF  (Majvis5a = 1) SW_DiffAidForReading=1.

IF  (Majvis5a = 2) SW_DiffAidForReading=2.


IF  (Majvis6a = 1) SW_DiffAidForReading=1.

IF  (Majvis6a = 2) SW_DiffAidForReading=2.

EXECUTE.
```

```
variable labels SW_DiffAidForReading 'Do you use a different setup
of visual aids for reading?'.

VARIABLE LEVEL SW_DiffAidForReading (NOMINAL).

VALUE LABELS SW_DiffAidForReading 1 'yes' 2 'no'  -9 'Refusal' -8
'Dont Know' -2 'Schedule not applicable' -1 'Item not applicable'.



FORMAT SW_DiffAidForReading (F2.0).

/*check new variable is correct

FREQUENCIES VARIABLES=Majvis1a Majvis2a Majvis3a Majvis4a Majvis5a
Majvis6a
  /ORDER=ANALYSIS.

FREQUENCIES VARIABLES=SW_DiffAidForReading
  /ORDER=ANALYSIS.









/**************start of code to compute SW_DiffAidForDistance



/*code new variable to determine whether the participant used a
different visual aid for distance

COMPUTE SW_DiffAidForDistance=-99.



IF  (Majvis1b = 1) SW_DiffAidForDistance=1.

IF  (Majvis1b = 2) SW_DiffAidForDistance=2.



IF  (Majvis2b = 1) SW_DiffAidForDistance=1.

IF  (Majvis2b = 2) SW_DiffAidForDistance=2.

IF  (VALUE(Majvis2b) = -8) SW_DiffAidForDistance=-8.
```

```
IF  (Majvis3b = 1) SW_DiffAidForDistance=1.

IF  (Majvis3b = 2) SW_DiffAidForDistance=2.

IF  (VALUE(Majvis3b) = -8) SW_DiffAidForDistance=-8.


IF  (Majvis4b = 1) SW_DiffAidForDistance=1.

IF  (Majvis4b = 2) SW_DiffAidForDistance=2.


IF  (Majvis5b = 1) SW_DiffAidForDistance=1.

IF  (Majvis5b = 2) SW_DiffAidForDistance=2.


IF  (Majvis6b = 1) SW_DiffAidForDistance=1.

IF  (Majvis6b = 2) SW_DiffAidForDistance=2.

EXECUTE.


variable labels SW_DiffAidForDistance 'Do you use a different setup
of visual aids for distance?'.

VARIABLE LEVEL SW_DiffAidForDistance (NOMINAL).

VALUE LABELS SW_DiffAidForDistance 1 'yes' 2 'no'  -9 'Refusal' -8
'Dont Know' -2 'Schedule not applicable' -1 'Item not applicable'.


FORMAT SW_DiffAidForDistance (F2.0).


/*check new variable is correct

FREQUENCIES VARIABLES=Majvis1b Majvis2b Majvis3b Majvis4b Majvis5b
Majvis6b
  /ORDER=ANALYSIS.

FREQUENCIES VARIABLES=SW_DiffAidForDistance
  /ORDER=ANALYSIS.
```

```
/*********************end of aggregate vision aid variables


/************************************start of recoding conditional
vision variables

/*Renamed and then merged  SocVis=SW_SocVis.
/*Renamed and then merged  DayNight=SW_DayNight.
/*Renamed and then merged  Light=SW_Light.
/*Renamed and then merged  Nearvis3=SW_Nearvis3.
/*Renamed and then merged  NearVisD=SW_NearVisD.
/*Renamed and then merged  NVError=SW_NVError.



/*Renamed and then merged  LowVis2=SW_LowVis2.
/*Renamed and then merged  LowVisD=SW_LowVisD.
/*Renamed and then merged  LVError=SW_LVError.
/*Renamed and then merged  ReadVis1=SW_ReadVis1.
/*Renamed and then merged  ReadVis2=SW_ReadVis2.
/*Renamed and then merged  ReadVis3=SW_ReadVis3.
/*Renamed and then merged  ReadVisD=SW_ReadVisD.
/*Renamed and then merged  RVError=SW_RVError.



/*Renamed and then merged  LRedVis2=SW_LRedVis2.
/*Renamed and then merged  LRedVisD=SW_LRedVisD.
/*Renamed and then merged  LRError=SW_LRError.



/*Renamed and then merged  DisVis2=SW_DisVis2.
/*Renamed and then merged  DisVis4=SW_DisVis4.
/*Renamed and then merged  DVError=SW_DVError.

/*Renamed and then merged  Dglsvis1=SW_Dglsvis1.
/*Renamed and then merged  DGLs3=SW_DGLs3.
/*Renamed and then merged  DGError=SW_DGError.

/*Renamed and then merged  DisSetUp=SW_DisSetUp.
```

```
/**************start of code to compute SW_SocVis

IF (LimVis = 1) SW_SocVis=20.
ADD VALUE LABELS  SW_SocVis
20 'Not asked: no vision limitations'.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_SocVis
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DayNight

IF (VisIntro ~=1) SW_DayNight=20.
ADD VALUE LABELS SW_DayNight
20 'Not asked: no consent'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DayNight
  /ORDER=ANALYSIS.




/**************start of code to compute SW_Light

IF (VisIntro ~=1) SW_Light=20.
ADD VALUE LABELS SW_Light
 20 'Not asked: no consent'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_Light
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute SW_NearVis3

IF (VisIntro ~=1) SW_NearVis3=20.
ADD VALUE LABELS SW_NearVis3
20 'Not asked: no consent'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_NearVis3
  /ORDER=ANALYSIS.




/**************start of code to compute SW_NearVisD

IF (VisIntro ~=1) SW_NearVisD=20.
IF (NearVis3=0) SW_NearVisD=21.

ADD VALUE LABELS SW_NearVisD
20 'Not asked: no consent'
21 'Not asked: didnt even try to read largest row on comfort test'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_NearVisD
  /ORDER=ANALYSIS.




/**************start of code to compute SW_NVError
```

```
IF (VisIntro ~=1) SW_NVError=20.
IF (NearVis3=0) SW_NVError=21.
ADD VALUE LABELS SW_NVError
20 'Not asked: no consent'
21 'Not asked: didnt even try to read largest row on comfort test'.



EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_NVError
  /ORDER=ANALYSIS.









/**************start of code to compute SW_LowVis2

FREQUENCIES VARIABLES= SW_LowVis2
  /ORDER=ANALYSIS.

IF (VisIntro ~=1) SW_LowVis2=20.

ADD VALUE LABELS SW_LowVis2
 20 'Not asked: no consent'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LowVis2
  /ORDER=ANALYSIS.




/*****************************************************************
********
/************** Remaining vision variables
*****************************
/*****************************************************************
********

/**************start of code to compute SW_LowVisD

IF (VisIntro = 2 | VisIntro = 3) SW_LowVisD=20.
```

```
IF (LowVis2=0) SW_LowVisD=21.

ADD VALUE LABELS SW_LowVisD
20 'Not asked: no consent'
21 'Not asked: didnt even try to read largest row on comfort test'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LowVisD
  /ORDER=ANALYSIS.



/**************start of code to compute SW_LVError

IF (VisIntro = 2 | VisIntro = 3) SW_LVError=20.

IF (LowVis2=0) SW_LVError=21.

ADD VALUE LABELS SW_LVError
20 'Not asked: no consent'
21 'Not asked: didnt even try to read largest row on comfort test'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LVError
  /ORDER=ANALYSIS.



/**************start of code to compute SW_ReadVis1

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_ReadVis1=27.

ADD VALUE LABELS SW_ReadVis1
27 'Not asked: does not use alternative setup for reading'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_ReadVis1
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute SW_ReadVis2

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_ReadVis2=27.

IF (ReadVis1 =2) SW_ReadVis2 = 28.

IF (ReadVis1 =3) SW_ReadVis2 = 29.

IF (ReadVis1 =4) SW_ReadVis2 = 200.

ADD VALUE LABELS SW_ReadVis2
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_ReadVis2
  /ORDER=ANALYSIS.




/**************start of code to compute SW_ReadVis3

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_ReadVis3=27.

IF (ReadVis1 =2) SW_ReadVis3 = 28.

IF (ReadVis1 =3) SW_ReadVis3 = 29.

IF (ReadVis1 =4) SW_ReadVis3 = 200.

ADD VALUE LABELS SW_ReadVis3
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_ReadVis3
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute SW_ReadVisD

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_ReadVisD=27.

IF (ReadVis1 =2) SW_ReadVisD = 28.

IF (ReadVis1 =3) SW_ReadVisD = 29.

IF (ReadVis1 =4) SW_ReadVisD = 200.

IF (ReadVis3 = 0) SW_ReadVisD = 21.

ADD VALUE LABELS SW_ReadVisD
21 'Not asked: didnt even try to read largest row on comfort test'
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_ReadVisD
  /ORDER=ANALYSIS.




/**************start of code to compute SW_RVError

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_RVError=27.

IF (ReadVis1 =2) SW_RVError = 28.

IF (ReadVis1 =3) SW_RVError = 29.

IF (ReadVis1 =4) SW_RVError = 200.

IF (ReadVis3 = 0) SW_RVError = 21.

ADD VALUE LABELS SW_RVError
21 'Not asked: didnt even try to read largest row on comfort test'
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= SW_RVError
  /ORDER=ANALYSIS.




/**************start of code to compute SW_LRedVis2

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_LRedVis2=27.

IF (ReadVis1 =2) SW_LRedVis2 = 28.

IF (ReadVis1 =3) SW_LRedVis2 = 29.

IF (ReadVis1 =4) SW_LRedVis2 = 200.

ADD VALUE LABELS SW_LRedVis2
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LRedVis2
  /ORDER=ANALYSIS.




/**************start of code to compute SW_LRedVisD

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_LRedVisD=27.

IF (ReadVis1 =2) SW_LRedVisD = 28.

IF (ReadVis1 =3) SW_LRedVisD = 29.

IF (ReadVis1 =4) SW_LRedVisD = 200.

IF (LRedVis2 = 0) SW_LRedVisD = 21.
```

```
ADD VALUE LABELS SW_LRedVisD
21 'Not asked: didnt even try to read largest row on comfort test'
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LRedVisD
  /ORDER=ANALYSIS.




/**************start of code to compute SW_LRError

IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_LRError=27.

IF (ReadVis1 =2) SW_LRError = 28.

IF (ReadVis1 =3) SW_LRError = 29.

IF (ReadVis1 =4) SW_LRError = 200.

IF (LRedVis2= 0) SW_LRError = 21.

ADD VALUE LABELS SW_LRError
21 'Not asked: didnt even try to read largest row on comfort test'
27 'Not asked: does not use alternative setup for reading'
28 'Not asked: refused reading vision aid test'
29 'Not asked: does not have vision aid to hand'
200 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_LRError
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DisVis2

IF (DisVis1 = 2) SW_DisVis2 = 201.

ADD VALUE LABELS SW_DisVis2
201 'Not asked: Not enough space for distance test'.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DisVis2
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DisVis4

IF (DisVis1 = 2) SW_DisVis4 = 201.

IF (DisVis2 = 2) SW_DisVis4 = 202.

IF (DisVis2 = 3) SW_DisVis4 = 203.

ADD VALUE LABELS SW_DisVis4
201 'Not asked: Not enough space for distance test'
202 'Not asked: Refused distance vision tests'
203 'Not asked: Unable to measure distance vision for another
reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DisVis4
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DVError

IF (DisVis1 = 2) SW_DVError = 201.

IF (DisVis2 = 2) SW_DVError = 202.

IF (DisVis2 = 3) SW_DVError = 203.

IF (DisVis4 =0) SW_DVError = 204.

ADD VALUE LABELS SW_DVError
201 'Not asked: Not enough space for distance test'
202 'Not asked: Refused distance vision tests'
203 'Not asked: Unable to measure distance vision for another
reason'
204 'Not asked: didnt even try to read largest row on comfort test'.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DVError
  /ORDER=ANALYSIS.




/**************start of code to compute SW_Dglsvis1
/*This variable (and the following variables which depend on it)
/* still have someone (participant with serial number 11517, row
187)
/* down as Missing data. This is because all the control logic
indicates
/* that person should have replied to this question (that person did
use a
/* distance vision aid (1b) and was not the partially productive
person.
/* However, that person did not reply to this set of questions and
we
/* do not know why.

IF (SW_DiffAidForDistance = 2 | VALUE(SW_DiffAidForDistance)=-8)
SW_Dglsvis1=209.

ADD VALUE LABELS SW_Dglsvis1
209 'Not asked: does not use a different setup for seeing things at
a distance'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_Dglsvis1
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DGLs3
/*This variable still has someone (participant with serial number
11517, row 187)
/* down as Missing data. This is because all the control logic
indicates
```

```
/* that person should have replied to this question (that person did
use a
/* distance vision aid (1b) and was not the partially productive
person.
/* However, that person did not reply to this set of questions and
we
/* do not know why.

IF (SW_DiffAidForDistance = 2 | VALUE(SW_DiffAidForDistance)=-8)
SW_DGLs3=209.

IF (Dglsvis1 =2) SW_DGLs3 = 210.

IF (Dglsvis1 =3) SW_DGLs3 = 211.

IF (Dglsvis1 =4) SW_DGLs3 = 212.

ADD VALUE LABELS SW_DGLs3
209 'Not asked: does not use a different setup for seeing things at
a distance'
210 'Not asked: refused distance vision aid test'
211 'Not asked: does not have distance vision aid to hand'
212 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DGLs3
  /ORDER=ANALYSIS.




/**************start of code to compute SW_DGError
/*This variable still has someone (participant with serial number
11517, row 187)
/* down as Missing data. This is because all the control logic
indicates
/* that person should have replied to this question (that person did
use a
/* distance vision aid (1b) and was not the partially productive
person.
/* However, that person did not reply to this set of questions and
we
/* do not know why.

IF (SW_DiffAidForDistance = 2 | VALUE(SW_DiffAidForDistance)=-8)
SW_DGError=209.

IF (Dglsvis1 =2) SW_DGError = 210.

IF (Dglsvis1 =3) SW_DGError = 211.
```

```
IF (Dglsvis1 =4) SW_DGError = 212.

IF (DGLs3 = 0) SW_DGError = 204.

ADD VALUE LABELS SW_DGError
204 'Not asked: didnt even try to read largest row on comfort test'
209 'Not asked: does not use a different setup for seeing things at
a distance'
210 'Not asked: refused distance vision aid test'
211 'Not asked: does not have distance vision aid to hand'
212 'Not asked: unable to take part for another reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DGError
  /ORDER=ANALYSIS.









/**************start of code to compute SW_DisSetUp

IF (SW_DiffAidForDistance = 2 | VALUE(SW_DiffAidForDistance)=-8)
SW_DisSetUp=209.

IF (Dglsvis1 =2) SW_DisSetUp = 210.

IF (Dglsvis1 =3) SW_DisSetUp = 211.

IF (Dglsvis1 =4) SW_DisSetUp = 212.

IF (DisVis1 = 2) SW_DisSetUp = 201.

IF (DisVis2 = 2) SW_DisSetUp = 202.

IF (DisVis2 = 3) SW_DisSetUp = 203.

ADD VALUE LABELS SW_DisSetUp
201 'Not asked: Not enough space for distance test'
202 'Not asked: Refused distance vision tests'
203 'Not asked: Unable to measure distance vision for another
reason'
209 'Not asked: does not use a different setup for seeing things at
a distance'
210 'Not asked: refused distance vision aid test'
211 'Not asked: does not have distance vision aid to hand'
212 'Not asked: unable to take part for another reason'.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= SW_DisSetUp
  /ORDER=ANALYSIS.




/************************************
/*start of data reconstruction for vision variables
/**********************************

/***************distance vision threshold with aid if available
/*missing values only constructed for things that actually happened

IF (DisVis1 = 2) JD_DV_Thres_Corrected_Row = -201.
IF (DisVis2 = 3) JD_DV_Thres_Corrected_Row = -203.

VARIABLE LABELS JD_DV_Thres_Corrected_Row 'Corrected Distance Vision
Threshold. With aid if used. Row number of smallest row they read
correctly'.
VALUE LABELS  JD_DV_Thres_Corrected_Row
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'.

/* Frequency count for this variable

FREQUENCIES VARIABLES= JD_DV_Thres_Corrected_Row
  /ORDER=ANALYSIS.




/* ************************near vision threshold majority setup

/* missing values only reconstructed for the things that actually
happened
```

```
IF (VisIntro = 2 | VisIntro = 3)  JD_NV_ThresMaj_Corrected_Row=-19.

VARIABLE LABELS JD_NV_ThresMaj_Corrected_Row 'Corrected Near Vision
High [70%] contrast Threshold. With majority of the day setup. Row
number of smallest row they read correctly'.
VALUE LABELS  JD_NV_ThresMaj_Corrected_Row
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-8 'Dont know'
-19 'Not asked: no consent'.

/* Frequency count for this variable

FREQUENCIES VARIABLES= JD_NV_ThresMaj_Corrected_Row
  /ORDER=ANALYSIS.




/*************************Near vision threshold reading setup
/* missing values only reconstructed for the things that actually
happened
IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
JD_NV_ThresAid_Corrected_Row=-27.
IF (ReadVis1 =3) JD_NV_ThresAid_Corrected_Row = -29.
IF (ReadVis1 =4) JD_NV_ThresAid_Corrected_Row = -200.

VARIABLE LABELS JD_NV_ThresAid_Corrected_Row 'Corrected Near Vision
High [70%] contrast Threshold. With near vision aid , if available.
Row number of smallest row they read correctly'.

VALUE LABELS  JD_NV_ThresAid_Corrected_Row
-27 'Not asked: does not use alternative setup for reading'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'.

FREQUENCIES VARIABLES=JD_NV_ThresAid_Corrected_Row
  /ORDER=ANALYSIS.

EXECUTE.
```

```
/************************start of code to sort out distance
measures for near vision High [70%] contrast majority thresholds

IF (NVisRow=1) SW_disNVHCmajth=1.
IF (NVisRow=2) SW_disNVHCmajth=2.
IF (NVisRow=3) SW_disNVHCmajth=3.

IF (NVDis2=1) SW_disNVHCmajth=1.
IF (NVDis2=2) SW_disNVHCmajth=2.
IF (NVDis2=3) SW_disNVHCmajth=3.

/* missing values only reconstructed for the things that actually
happened

IF (VisIntro = 2 | VisIntro = 3) SW_disNVHCmajth=-19.
IF (NearVis3=12 & NvError=1) SW_disNVHCmajth=NearVisD.
IF (VALUE(JD_NV_ThresMaj_Corrected_Row)=-8) SW_disNVHCmajth=-26.
IF (VALUE(JD_NV_ThresMaj_Corrected_Row)=-250) SW_disNVHCmajth=-250.
IF (VALUE(JD_NV_ThresMaj_Corrected_Row)=-251) SW_disNVHCmajth=-251.
IF (VALUE(JD_NV_ThresMaj_Corrected_Row)=-252) SW_disNVHCmajth=-252.
IF (VALUE(JD_NV_ThresMaj_Corrected_Row)=-253) SW_disNVHCmajth=-253.

VALUE LABELS SW_disNVHCmajth
1 ' extremely close to nose'
2 ' arm outstretched as far as possible'
3 ' somewhere in between (normal)'
 -19 'Not asked: no consent'
 -26 'Not asked: letter test coded dont know'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS threshold data
inconsistent'
-252 'Unable to reconstruct threshold data from booklet and original
SPSS file'
-253 'Interviewer terminated threshold vision test when participant
made 1 error instead of 2'.

variable labels SW_disNVHCmajth 'distance of near vision High [70%]
contrast majority threshold'.

VARIABLE LEVEL SW_disNVHCmajth (NOMINAL).


FORMAT SW_disNVHCmajth (F2.0).

FREQUENCIES VARIABLES= SW_disNVHCmajth
  /ORDER=ANALYSIS.
```

```
/************************start of code to sort out distance
measures for near vision High [70%] contrast aid thresholds

IF (HReadRow=1) SW_disNVHCaidth=1.
IF (HReadRow=2) SW_disNVHCaidth=2.
IF (HReadRow=3) SW_disNVHCaidth=3.

IF (RVDis2=1) SW_disNVHCaidth=1.
IF (RVDis2=2) SW_disNVHCaidth=2.
IF (RVDis2=3) SW_disNVHCaidth=3.

/* missing values only reconstructed for the things that actually
happened

IF (ReadVis3=12 & RVError=1) SW_disNVHCaidth=ReadVisD.
IF (SW_DiffAidForReading = 2 | VALUE(SW_DiffAidForReading)=-8)
SW_disNVHCaidth=-27.
IF (ReadVis1 =3) SW_disNVHCaidth = -29.
IF (ReadVis1 =4) SW_disNVHCaidth = -200.

IF (VALUE(JD_NV_ThresAid_Corrected_Row)=-250) SW_disNVHCaidth=-250.
IF (VALUE(JD_NV_ThresAid_Corrected_Row)=-251) SW_disNVHCaidth=-251.
IF (VALUE(JD_NV_ThresAid_Corrected_Row)=-252) SW_disNVHCaidth=-252.
IF (VALUE(JD_NV_ThresAid_Corrected_Row)=-253) SW_disNVHCaidth=-253.

VALUE LABELS SW_disNVHCaidth
1 ' extremely close to nose'
2 ' arm outstretched as far as possible'
3 ' somewhere in between (normal)'
-27 'Not asked: does not use alternative setup for reading'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS threshold data
inconsistent'
-252 'Unable to reconstruct threshold data from booklet and original
SPSS file'
-253 'Interviewer terminated threshold vision test when participant
made 1 error instead of 2'.

variable labels SW_disNVHCaidth 'distance of near vision High [70%]
contrast aid threshold'.

VARIABLE LEVEL SW_disNVHCaidth (NOMINAL).



FORMAT SW_disNVHCaidth (F2.0).

FREQUENCIES VARIABLES= SW_disNVHCaidth
```

```
  /ORDER=ANALYSIS.




/*****************************************end of vision module




/****************** start of Raji's actions 9/01/11

/*************************************start of hearing module


/*For hearing variables,
/*· NoiseLv1 - changed the label to Noise hearing (low background1)
/*· NoiseLv2 - changed the label to Noise hearing (low background2)
/*· NoiseMV1 - changed the label to Noise hearing (medium
background1)
/*· NoiseMv2 - changed the label to Noise hearing (medium
background1)
/*· NoiseHV1 - changed the label to Noise hearing (high background1)
/*· NoiseHv2 - changed the label to Noise hearing (high background1)


/*Renamed and then merged    HAidFreq=RT_HAidFreq.
/*Renamed and then merged   HAidType=RT_HAidType.
/*Renamed and then merged    IndLoop=RT_IndLoop.
/*Renamed and then merged    ILoopUse =RT_ILoopUse.
/*Renamed and then merged    HAidHear=RT_HAidHear.
/*Renamed and then merged    GenHear=RT_GenHear.
/*Renamed and then merged    HIsolate=RT_HIsolate.
/*Renamed and then merged    BackNois=RT_BackNois.
/*Renamed and then merged    NHHighV1=RT_NHHighV1.
/*Renamed and then merged    NHHighV2=RT_HHighV2.
/*Renamed and then merged    NHMedV1=RT_NHMedV1.
/*Renamed and then merged    NHMedV2=RT_NHMedV2.
/*Renamed and then merged    NHLowV1=RT_NHLowV1.
/*Renamed and then merged    NHLowV2=RT_NHLowV2.
/*Renamed and then merged    NoiseLV1=RT_NoiseLV1.
/*Renamed and then merged    NoiseLV2=RT_NoiseLV2.
/*Renamed and then merged    NoiseMV1=RT_NoiseMV1.
/*Renamed and then merged    NoiseHV1=RT_NoiseHV1.
/*Renamed and then merged    NoiseHV2=RT_NoiseHV2.
/*Renamed and then merged    NoiseLV2=RT_NoiseLV2.
```

```
/*Renamed and then merged    NoiseMV2=RT_NoiseMV2.


/**************start of code to compute RT_HAidFreq

IF (HearAid~=1) RT_HAidFreq=30.

ADD VALUE LABELS RT_HAidFreq
30 'Not asked: does not use a hearing aid'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HAidFreq
  /ORDER=ANALYSIS.



/**************start of code to compute RT_HAidType

IF (HearAid~=1) RT_HAidType=30.


IF (HAidFreq=3 | HAidFreq=4) RT_HAidType=31.


ADD VALUE LABELS RT_HAidType
30 'Not asked: does not use a hearing aid'
31 'Not asked: rarely or never used hearing aid'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HAidType
  /ORDER=ANALYSIS.




/**************start of code to compute RT_IndLoop

IF (HearAid~=1) RT_IndLoop=30.


IF (HAidFreq=3 | HAidFreq=4) RT_IndLoop=31.


ADD VALUE LABELS RT_IndLoop
30 'Not asked: does not use a hearing aid'
  31 'Not asked: rarely or never used hearing aid'
.
EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= RT_IndLoop
  /ORDER=ANALYSIS.



/**************start of code to compute RT_ILoopUse

IF (HearAid~=1) RT_ILoopUse=30.


IF (HAidFreq=3 | HAidFreq=4) RT_ILoopUse=31.


IF (IndLoop=2 | VALUE(IndLoop)=-8) RT_ILoopUse=32.


ADD VALUE LABELS RT_ILoopUse
30 'Not asked: does not use a hearing aid'
 31 'Not asked: rarely or never used hearing aid'
32 'Not asked: no induction loop or dont know'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_ILoopUse
  /ORDER=ANALYSIS.



/**************start of code to compute RT_HAidHear

IF (HearAid~=1) RT_HAidHear=30.


IF (HAidFreq=3 | HAidFreq=4) RT_HAidHear=31.

ADD VALUE LABELS RT_HAidHear
30 'Not asked: does not use a hearing aid'
 31 'Not asked: rarely or never used hearing aid'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HAidHear
  /ORDER=ANALYSIS.


/**************start of code to compute RT_GenHear

IF (HearAid~=1) RT_GenHear=30.
```

```
ADD VALUE LABELS RT_GenHear
30 'Not asked: does not use a hearing aid'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_GenHear
  /ORDER=ANALYSIS.


/**************start of code to compute RT_HIsolate


IF (HLimit=1) RT_HIsolate=33.

ADD VALUE LABELS RT_HIsolate
 33 'Not asked: not limited with daily activities'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HIsolate
  /ORDER=ANALYSIS.


/**************start of code to compute RT_BackNois

IF (HTestInt~=1) RT_BackNois=34.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_BackNois
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NHHighV1

IF (HTestInt~=1) RT_NHHighV1=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHHighV1
  /ORDER=ANALYSIS.

/**************start of code to compute RT_NHHighV2

IF (HTestInt~=1) RT_NHHighV2=34.

EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHHighV2
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NHMedV1

IF (HTestInt~=1) RT_NHMedV1=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHMedV1
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NHMedV2

IF (HTestInt~=1) RT_NHMedV2=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHMedV2
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NHLowV1

IF (HTestInt~=1) RT_NHLowV1=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHLowV1
  /ORDER=ANALYSIS.

/**************start of code to compute RT_NHLowV2

IF (HTestInt~=1) RT_NHLowV2=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NHLowV2
  /ORDER=ANALYSIS.

/**************start of code to compute RT_NoiseLV1
```

```
IF (HTestInt~=1) RT_NoiseLV1=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseLV1
  /ORDER=ANALYSIS.

ADD VALUE LABELS RT_BackNois RT_NHHighV1 RT_NHHighV2 RT_NHMedV1
RT_NHMedV2 RT_NHLowV1 RT_NHLowV2 RT_NoiseLV1 RT_NoiseLV2
34 'Not asked: no consent,equipment failure or other reason'.

/**************start of code to compute RT_NoiseLV2

IF (HTestInt~=1) RT_NoiseLV2=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseLV2
  /ORDER=ANALYSIS.



/**************start of code to compute RT_NoiseMV1

IF (HTestInt~=1) RT_NoiseMV1=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseMV1
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NoiseMV2

IF (HTestInt~=1) RT_NoiseMV2=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseMV2
  /ORDER=ANALYSIS.



/**************start of code to compute RT_NoiseHV1

IF (HTestInt~=1) RT_NoiseHV1=34.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseHV1
  /ORDER=ANALYSIS.


/**************start of code to compute RT_NoiseHV2

IF (HTestInt~=1) RT_NoiseHV2=34.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NoiseHV2
  /ORDER=ANALYSIS.

ADD VALUE LABELS RT_NoiseMV1 RT_NoiseMV2 RT_NoiseHV1 RT_NoiseHV2
34 'Not asked: no consent, equipment failure or other reason'.

/**************end of hearing module







/**************start of mobility module

/*Renamed and then merged    MIsolate=RT_MIsolate.

/**************start of code to compute RT_MIsolate

IF (MLimit = 1) RT_MIsolate=43.

/*check new variable is correct

IF (VALUE(MLimit)=-8) RT_MIsolate=44.


ADD VALUE LABELS RT_MIsolate
43 'Not asked: no mobility limitations'
44 'Not asked: dont know about mobility limitation'.

FREQUENCIES VARIABLES= RT_MIsolate
  /ORDER=ANALYSIS.

/**************end of mobility module
```

```
/**************start of reach and stretch module

 /*Renamed and then merged Breach=RT_Breach.
 /*Renamed and then merged FrontLt=RT_FrontLt.
 /*Renamed and then merged  FrontRt=RT_FrontRt.
 /*Renamed and then merged  AboveLt=RT_AboveLt.
 /*Renamed and then merged AboveRt=RT_AboveRt.


/**************start of code to compute RT_Breach

IF (BInjury=1) RT_Breach=20.

EXECUTE.

ADD VALUE LABELS RT_Breach
20 'Not asked: had a recent back or shoulder injury'.
/*check new variable is correct

FREQUENCIES VARIABLES= RT_Breach
  /ORDER=ANALYSIS.







/**************start of code to compute RT_FrontLt

IF (Breach=3 | BInjury=1) RT_FrontLt=20.

EXECUTE.

ADD VALUE LABELS RT_FrontLt
 20 'Not asked: had a back or shoulder injury or unable to take
part'.
/*check new variable is correct

FREQUENCIES VARIABLES= RT_FrontLt
```

```
  /ORDER=ANALYSIS.


/**************start of code to compute RT_FrontRt

IF (Breach=3 | BInjury=1) RT_FrontRt=20.

ADD VALUE LABELS RT_FrontRt
20 'Not asked: had a back or shoulder injury or unable to take
part'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_FrontRt
  /ORDER=ANALYSIS.




/**************start of code to compute RT_AboveLt

IF (Breach=3 | BInjury=1) RT_AboveLt=20.

ADD VALUE LABELS RT_AboveLt
20 'Not asked: had a back or shoulder injury or unable to take
part'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_AboveLt
  /ORDER=ANALYSIS.




/**************start of code to compute RT_AboveRt

IF (Breach=3 | BInjury=1) RT_AboveRt=20.

ADD VALUE LABELS RT_AboveRt
20 'Not asked: had a back or shoulder injury or unable to take
part'.


EXECUTE.

/*check new variable is correct
```

```
FREQUENCIES VARIABLES= RT_AboveRt
  /ORDER=ANALYSIS.


/***********************************end of reach and stretch module









/**************start of cognitive function module

/* Renamed and then merged   CfProM=RT_CfProM.
/* Renamed and then merged  CfTest=RT_CfTest.
/* Renamed and then merged   CfLis=RT_CfLis.
/* Renamed and then merged   CfLisSt=RT_CfLisSt.
/* Renamed and then merged   CfLisEn=RT_CfLisEn.
/* Renamed and then merged   CfMem=RT_CfMem.
/* Renamed and then merged   CfLet=RT_CfLet.
/* Renamed and then merged   CfLetEn2=RT_CfLetEn2.
/* Renamed and then merged   NRow=RT_NRow.
/* Renamed and then merged   NClm=RT_NClm.
/* Renamed and then merged   NCorrect=RT_NCorrect.
/* Renamed and then merged   NMissed=RT_NMissed.
/* Renamed and then merged   CfMemS=RT_CfMemS.
/* Renamed and then merged   CfLisD=RT_CfLisD.
/* Renamed and then merged   CfLitSK=RT_CfLitSK.
/* Renamed and then merged   CfLitB=RT_CfLitB.
/* Renamed and then merged   CfLitC=RT_CfLitC.
/* Renamed and then merged   CfLitE=RT_CfLitE.
/* Renamed and then merged   CfSumA=RT_CfSumA.
/* Renamed and then merged   CfSumB=RT_CfSumB.
/* Renamed and then merged   CfSumC=RT_CfSumC.
/* Renamed and then merged   CfSumD=RT_CfSumD.



/**************start of code to compute RT_CfProM

IF (CfConsent~=1) RT_CfProM=20.
ADD VALUE LABELS RT_CfProM
```

```
20 ‘no consent or test not performed for other reason’.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfProM
  /ORDER=ANALYSIS.



/**************start of code to compute RT_CfTest

IF (CfConsent~=1) RT_CfTest=21.
ADD VALUE LABELS RT_CfTest
21 ‘no consent therefore test not performed for other reason’.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfTest
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfLis

IF (CfConsent~=1) RT_CfLis=22.


IF (CfTest=2) RT_CfLis=23.


ADD VALUE LABELS RT_CfLis
 22 'Not asked: no consent'
 23 'Not asked: list read by the interviewer'
.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLis
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfLisSt
```

```
IF (CfConsent~=1) RT_CfLisSt=22.


IF (CfTest=1) RT_CfLisSt=24.


ADD VALUE LABELS RT_CfLisSt
22 'Not asked: no consent'
24 'Not asked: list read by computer'
.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLisSt
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfLisEn

/*NatCen didnt add missing value labels for this variable, so added
here.

ADD VALUE LABELS RT_CfLisEn
-1 'Item not applicable'.


IF (CfConsent=2 | CfConsent=3) RT_CfLisEn=25.

ADD VALUE LABELS RT_CfLisEn
25 'Not asked: no consent or test not performed for other reason'.

FREQUENCIES VARIABLES= RT_CfLisEn
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfMem

FREQUENCIES VARIABLES= CfMem
  /ORDER=ANALYSIS.

IF (CfConsent~=1 | CfProM=5) RT_CfMem=25.

ADD VALUE LABELS RT_CfMem
25 'Not asked: no consent or test not performed for other reason'.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfMem
  /ORDER=ANALYSIS.



/**************start of code to compute RT_CfLet


IF (CfConsent=2 | CfConsent=3) RT_CfLet=25.

ADD VALUE LABELS RT_CfLet
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLet
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfLetEn2


IF (CfConsent=2 | CfConsent=3) RT_CfLetEn2=25.

IF (CfLet=2 | CfLet=3) RT_CfLetEn2=26.


ADD VALUE LABELS RT_CfLetEn2
25 'Not asked: no consent or test not performed for other reason'
26 'respondent didnt understand the task or unable to perform the
task'.



EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLetEn2
  /ORDER=ANALYSIS.
```

```
/**********************************start of code to compute RT_NRow.

/*NatCen didnt add missing values for this variable, so added here.

RECODE RT_NRow (SYSMIS=-1).

ADD VALUE LABELS RT_NRow
-1 'Not applicable, includes Refusals and Dont Knows'.

IF (CfConsent=2 | CfConsent=3) RT_NRow=85.

IF (CfLet=2 | CfLet=3)RT_NRow=86.


ADD VALUE LABELS RT_NRow
85 'Not asked: no consent or test not performed for other reason'
86 'respondent didnt understand the task or unable to perform the
task'.



EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NRow
  /ORDER=ANALYSIS.




/**********************************start of code to compute RT_NClm

/*NatCen didnt add missing values for this variable, so added here.

RECODE RT_NClm (SYSMIS=-1).

ADD VALUE LABELS RT_NClm
-1 'Not applicable, includes Refusals and Dont Knows'.

IF (CfConsent=2 | CfConsent=3) RT_NClm=85.

IF (CfLet=2 | CfLet=3)RT_NClm=86.


ADD VALUE LABELS RT_NClm
85 'Not asked: no consent or test not performed for other reason'
86 'respondent didnt understand the task or unable to perform the
task'.



EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= RT_NClm
  /ORDER=ANALYSIS.



/*********************************************start of code to
compute RT_NCorrect

/*NatCen didnt add missing values for this variable, so added here.

RECODE RT_NCorrect (SYSMIS=-1).

ADD VALUE LABELS RT_NCorrect
-1 'Not applicable, includes Refusals and Dont Knows'.

IF (CfConsent=2 | CfConsent=3) RT_NCorrect=85.

IF (CfLet=2 | CfLet=3)RT_NCorrect=86.


ADD VALUE LABELS RT_NCorrect
85 'Not asked: no consent or test not performed for other reason'
86 'respondent didnt understand the task or unable to perform the
task'.



EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NCorrect
  /ORDER=ANALYSIS.




/*****************************************start of code to compute
RT_NMissed

/*NatCen didnt add missing values for this variable, so added here.

RECODE RT_NMissed (SYSMIS=-1).

ADD VALUE LABELS RT_NMissed
-1 'Not applicable, includes Refusals and Dont Knows'.

IF (CfConsent=2 | CfConsent=3) RT_NMissed=85.

IF (CfLet=2 | CfLet=3)RT_NMissed=86.
```

```
ADD VALUE LABELS RT_NMissed
85 'Not asked: no consent or test not performed for other reason'
86 'respondent didnt understand the task or unable to perform the
task'.



EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_NMissed
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfMemS


IF (CfConsent=2 | CfConsent=3) RT_CfMemS=25.

IF (CfProM=5) RT_CfMemS=26.



ADD VALUE LABELS RT_CfMemS
25 'Not asked: no consent or test not performed for other reason'
26 'respondent unable to perform this task'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfMemS
  /ORDER=ANALYSIS.







/**************start of code to compute RT_CfLisD

/*NatCen didnt add missing value labels for this variable, so added
here.

ADD VALUE LABELS RT_CfLisD
-1 'Item not applicable'.
```

```
IF (CfConsent=2 | CfConsent=3) RT_CfLisD=25.

ADD VALUE LABELS RT_CfLisD
25 'Not asked: no consent or test not performed for other reason'.

FREQUENCIES VARIABLES= RT_CfLisD
  /ORDER=ANALYSIS.



/**************start of code to compute RT_CfLitSK

IF (CfConsent=2 | CfConsent=3) RT_CfLitSK=25.

ADD VALUE LABELS RT_CfLitSK
25 'Not asked: no consent or test not performed for other reason'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLitSK
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfLitB


IF (CfConsent=2 | CfConsent=3) RT_CfLitB=25.

IF (CfLitSK=2 | CfLitSK=3 | CfLitSK=4) RT_CfLitB=26.

ADD VALUE LABELS RT_CfLitB
25 'Not asked: no consent'
26 'Respondent unable to do test due to sight/health/other
problems'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLitB
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfLitC

IF (CfConsent=2 | CfConsent=3) RT_CfLitC=25.
```

```
IF (CfLitSK=2 | CfLitSK=3 | CfLitSK=4) RT_CfLitC=26.

ADD VALUE LABELS RT_CfLitC
25 'Not asked: no consent'
26 'Respondent unable to do test due to sight/health/other
problems'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLitC
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfLitE

IF (CfConsent=2 | CfConsent=3) RT_CfLitE=25.

IF (CfLitSK=2 | CfLitSK=3 | CfLitSK=4) RT_CfLitE=26.

ADD VALUE LABELS RT_CfLitE
25 'Not asked: no consent'
26 'Respondent unable to do test due to sight/health/other
problems'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfLitE
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfSumA

IF (CfConsent=2 | CfConsent=3) RT_CfSumA=25.


ADD VALUE LABELS RT_CfSumA
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct
```

```
FREQUENCIES VARIABLES= RT_CfSumA
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfSumB

IF (CfConsent=2 | CfConsent=3) RT_CfSumB=25.


ADD VALUE LABELS RT_CfSumB
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfSumB
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfSumC

IF (CfConsent=2 | CfConsent=3) RT_CfSumC=25.


ADD VALUE LABELS RT_CfSumC
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfSumC
  /ORDER=ANALYSIS.




/**************start of code to compute RT_CfSumD

IF (CfConsent=2 | CfConsent=3) RT_CfSumD=25.
```

```
ADD VALUE LABELS RT_CfSumD
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CfSumD
  /ORDER=ANALYSIS.



/*****************************end of cognitive module (except for
CfWho, CfImp and CfWhat)









/*******************************start of anthropometrics module

/* Renamed and then merged  WeightS=RT_WeightS.
/* Renamed and then merged  WeightP=RT_WeightP.
/* Renamed and then merged  WeightK=RT_WeightK.
/* Renamed and then merged  HeightF=RT_HeightF.
/* Renamed and then merged  HeightI=RT_HeightI.
/* Renamed and then merged  HeightC=RT_HeightC.
/* Renamed and then merged  FinHole=RT_FinHole.


/*************************Start of Sam's code 19th January to sort
out weight variables



/**************start of code to compute rt_weights



IF (VALUE(Weightm)=-8) RT_WeightS=91.

IF (VALUE(WeightM)=-9) RT_WeightS=92.
```

```
IF (WeightM=2) RT_WeightS=93.

ADD VALUE LABELS RT_WeightS
91 'indicated dont know at first prompt'
92 'indicated refusal at first prompt'
93 'weight provided in kilograms'.

EXECUTE.

 FREQUENCIES VARIABLES=  rt_weights  /ORDER=ANALYSIS.




/**************start of code to compute rt_weightP



IF (VALUE(Weightm)=-8) RT_WeightP=91.

IF (VALUE(WeightM)=-9) RT_WeightP=92.

IF (WeightM=2) RT_WeightP=93.

ADD VALUE LABELS RT_WeightP
91 'indicated dont know at first prompt'
92 'indicated refusal at first prompt'
93 'weight provided in kilograms'.
EXECUTE.

FREQUENCIES VARIABLES=  rt_weightP
  /ORDER=ANALYSIS.


/**************start of code to compute rt_weightk


IF (VALUE(Weightm)=-8) RT_Weightk=901.

IF (VALUE(WeightM)=-9) RT_Weightk=902.

IF (WeightM=1) RT_Weightk=903.

ADD VALUE LABELS RT_Weightk
901 'indicated dont know at first prompt'
902 'indicated refusal at first prompt'
903 'weight provided in stone and pounds'.
EXECUTE.



FREQUENCIES VARIABLES=  rt_weightk
  /ORDER=ANALYSIS.
```

```
/**************************end of Sam's code to sort out weight
variables

/**************start of code to compute RT_HeightF

IF (HeightM =2) RT_HeightF=40.

IF (VALUE(HeightM)=-8) RT_HeightF=41.


ADD VALUE LABELS RT_HeightF
40 'height provided in centimeters'
41'dont know height'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HeightF
  /ORDER=ANALYSIS.



/**************start of code to compute RT_HeightI

IF (HeightM =2) RT_HeightI=40.

IF (VALUE(HeightM)=-8) RT_HeightI=41.


ADD VALUE LABELS RT_HeightI
40 'height provided in centimeters'
41'dont know height'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HeightI
  /ORDER=ANALYSIS.



/**************start of code to compute RT_HeightC

IF (HeightM =1) RT_HeightC=42.
```

```
IF (VALUE(HeightM)=-8) RT_HeightC=41.


ADD VALUE LABELS RT_HeightC
42 'height provided in feet and inches'
41'dont know height'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HeightC
  /ORDER=ANALYSIS.




/**************start of code to compute RT_FinHole


IF (BFinger=2 | BFinger=3) RT_FinHole=25.


ADD VALUE LABELS RT_FinHole
25 'Not asked: no consent or test not performed for other reason'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_FinHole
  /ORDER=ANALYSIS.






/*****************************start of technology experience module

/* Renamed and then merged  MobDiff=RT_MobDiff.
/* Renamed and then merged  TextDiff=RT_TextDiff.
/* Renamed and then merged  DigCDiff=RT_DigCDiff.
/* Renamed and then merged  DigTVDiff=RT_DigTVDiff.
/* Renamed and then merged  CompDiff=RT_CompDiff.
/* Renamed and then merged  MP3Diff=RT_MP3Diff.
/* Renamed and then merged  XBoxDiff=RT_XBoxDiff.
/* Renamed and then merged  HandDiff=RT_HandDiff.
```

```
/**********************start of code to compute RT_MobDiff


IF (MobFr =4) RT_MobDiff=40.

IF (VALUE(MobFr)=-8) RT_MobDiff=41.


ADD VALUE LABELS RT_MobDiff
40 'Not asked: never used'
41'Not asked: dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_MobDiff
  /ORDER=ANALYSIS.



/**********************start of code to compute RT_TextDiff


IF (TextFr =4) RT_TextDiff=40.

IF (VALUE(TextFr)=-8) RT_TextDiff=41.


ADD VALUE LABELS RT_TextDiff
40 'Not asked: never used'
41'Not asked: dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_TextDiff
  /ORDER=ANALYSIS.



/**********************start of code to compute RT_DigCDiff


IF (DigcamFr =4) RT_DigCDiff=40.

IF (VALUE(DigcamFr)=-8) RT_DigCDiff=41.
```

```
ADD VALUE LABELS RT_DigCDiff
40 'Not asked: never used digital camera'
41'Not asked: dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_DigCDiff
  /ORDER=ANALYSIS.



/**********************start of code to compute RT_DigTVDiff



IF (DigTVFr =4) RT_DigTVDiff=40.

IF (VALUE(DigTVFr)=-8) RT_DigTVDiff=41.


ADD VALUE LABELS RT_DigTVDiff
40 'Not asked: never used digital TV'
41'Not asked: dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_DigTVDiff
  /ORDER=ANALYSIS.




/**********************start of code to compute RT_CompDiff



IF (CompFr =4) RT_CompDiff=40.

IF (VALUE(CompFr)=-8) RT_CompDiff=41.


ADD VALUE LABELS RT_CompDiff
40 'Not asked: never used internet'
41'Not asked: dont know'.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_CompDiff
  /ORDER=ANALYSIS.



/**********************start of code to compute RT_MP3Diff



IF (MP3Fr =4 | (VALUE(MP3Fr)=-8)) RT_MP3Diff=40.


ADD VALUE LABELS RT_MP3Diff
40 'Not asked: never used mp3 player or dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_MP3Diff
  /ORDER=ANALYSIS.



/**********************start of code to compute RT_XBoxDiff



IF (XBoxFr =4) RT_XBoxDiff=40.

IF (VALUE(XBoxFr)=-8) RT_XBoxDiff=41.


ADD VALUE LABELS RT_XBoxDiff
40 'Not asked: never used gaming console'
41'Not asked: dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_XBoxDiff
  /ORDER=ANALYSIS.
```

```
/**********************start of code to compute RT_HandDiff


IF (HandFr =4 | (VALUE(HandFr)=-8)) RT_HandDiff=40.


ADD VALUE LABELS RT_HandDiff
40 'Not asked: never used satellite navigation or dont know'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_HandDiff
  /ORDER=ANALYSIS.


/**************************************end of technology experience
module







/***********************************start of demographics module



/* New variable for sex of the respondent (original variables need
to be recombined with AskWho)

IF AskWho=1 JD_RespSex = Sex.

IF AskWho=2 JD_RespSex = Sex2.

IF AskWho=3 JD_RespSex = Sex3.

VARIABLE LABELS  JD_RespSex 'Respondents Sex'.

VALUE LABELS JD_RespSex 1'Male' 2'Female'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES=JD_RespSex
  /ORDER=ANALYSIS.
```

```
/* Renamed and then merged EverWork=RT_EverWork.
/* Renamed and then merged Stat=RT_Stat.
/* Renamed and then merged Manage01=RT_Manage01.
/* Renamed and then merged Solo=RT_Solo.
/* Renamed and then merged FTPT=RT_FTPT.




/**********************start of code to compute RT_EverWork

IF (Activit=1) RT_EverWork=40.

IF (Activit=2) RT_EverWork=41.

IF (Activit=5) RT_EverWork=42.

IF (VALUE(Activit)=-8) RT_EverWork=43.


ADD VALUE LABELS RT_EverWork
40 'Not asked: respondent currently in paid employment '
41 'Not asked: respondent currently in self-employment'
42 'Not asked: respondent currently retired'
43 'Dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_EverWork
  /ORDER=ANALYSIS.




/********* OccT01 is a conditional variable, which needs to be
/*checked for any 'not applicable' items.
/*OccT01 variable is about the title about the respondent's main
job,
/*which is asked {IF Activit=1, 2, 5 OR EverWork=1}
/*But NatCen didnt code OccT01 in the dataset, but rather provided
that information
/*in the P3037Strings (for client).xls file that includes string
variables.
```

```
/**********************start of code to compute RT_Stat

IF (EverWork=2) RT_Stat=40.

IF (Activit=1) RT_Stat=41.

IF (Activit=2) RT_Stat=42.

IF (VALUE(Activit)=-8) RT_Stat=43.


ADD VALUE LABELS RT_Stat
40 'Not asked: respondent never worked '
41 'Not asked: respondent currently in paid employment'
42 'Not asked: respondent currently in self-employment'
43 'Dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_Stat
  /ORDER=ANALYSIS.




/**********************start of code to compute RT_Manage01

IF (Activit=2) RT_Manage01=40.

IF (Stat=2) RT_Manage01=41.

IF (EverWork=2) RT_Manage01=42.

IF (VALUE(Stat)=-9) RT_Manage01=43.

IF (VALUE(Activit)=-8) RT_Manage01=44.


ADD VALUE LABELS RT_Manage01
40 'Not asked: respondent self-employed currently '
41 'Not asked: respondent self-employed in last job'
42 'Not asked: respondent never worked '
43 'Refusal '
44 'Dont know'.


EXECUTE.

/*check new variable is correct
```

```
FREQUENCIES VARIABLES= RT_Manage01
  /ORDER=ANALYSIS.




/**********************start of code to compute RT_Solo

IF (Activit=1) RT_Solo=40.

IF (Stat=1) RT_Solo=41.

IF (EverWork=2) RT_Solo=42.

IF (VALUE(Stat)=-9) RT_Solo=43.

IF (VALUE(Activit)=-8) RT_Solo=44.


ADD VALUE LABELS RT_Solo
40 'Not asked: respondent in paid employment currently '
41 'Not asked: respondent in paid employment in last job'
42 'Not asked: respondent never worked '
43 'Refusal '
44 'Dont know'.


EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_Solo
  /ORDER=ANALYSIS.




/**********************start of code to compute RT_FTPT

IF (EverWork=2) RT_FTPT=40.

IF (VALUE(Activit)=-8) RT_FTPT=41.


ADD VALUE LABELS RT_FTPT
40 'Not asked: respondent never worked '
41 'Dont know '.
```

```
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= RT_FTPT
  /ORDER=ANALYSIS.

/**************************************************end of
demographics module




/************************************** start of Dexterity module
/* Joys actions 19/1/11 - 24/1/11

/*RENAMED AND THEN MERGED. ArtLSev=JD_ArtLSev.
/*RENAMED AND THEN MERGED. ArtRSev=JD_ArtRSev.

/*RENAMED AND THEN MERGED. DexSec=JD_DexSec.
/*RENAMED AND THEN MERGED. DexProb=JD_DexProb.
/*RENAMED AND THEN MERGED. DexTrem=JD_DexTrem.
/*RENAMED AND THEN MERGED. DexSetUp2=JD_DexSetUp2.

/*RENAMED AND THEN MERGED. DexSec2=JD_DexSec2.
/*RENAMED AND THEN MERGED. DexProb2=JD_DexProb2.
/*RENAMED AND THEN MERGED. DexTrem2=JD_DexTrem2.
/*RENAMED AND THEN MERGED. UPreg=JD_UPreg.
/*RENAMED AND THEN MERGED. MMGsWCo=JD_MMGsWCo.
/*RENAMED AND THEN MERGED. MMGSSta=JD_MMGSSta.

/*RENAMED AND THEN MERGED. MMGSN1=JD_MMGSN1.
/*RENAMED AND THEN MERGED. MMGSD1=JD_MMGSD1.
/*RENAMED AND THEN MERGED. MMGSN2=JD_MMGSN2.
/*RENAMED AND THEN MERGED. MMGSD2=JD_MMGSD2.
/*RENAMED AND THEN MERGED. MMGPos=JD_MMGPos.

/*RENAMED AND THEN MERGED. MMGSN3=JD_MMGSN3.
/*RENAMED AND THEN MERGED. MMGSD3=JD_MMGSD3.
/*RENAMED AND THEN MERGED. MMGSN4=JD_MMGSN4.
/*RENAMED AND THEN MERGED. MMGSD4=JD_MMGSD4.
/*RENAMED AND THEN MERGED. MMGPos2=JD_MMGPos2.
/*RENAMED AND THEN MERGED. MMGSRes=JD_MMGSRes.

/*RENAMED AND THEN MERGED. MMGSPrB1=JD_MMGSPrB1.
/*RENAMED AND THEN MERGED. MMGSPrB2=JD_MMGSPrB2.
/*RENAMED AND THEN MERGED. MMGSPrB3=JD_MMGSPrB3.
/*RENAMED AND THEN MERGED. MMGSPrB9=JD_MMGSPrB9.

/*RENAMED AND THEN MERGED. MobRes=JD_MobRes.
```

```
/*RENAMED AND THEN MERGED. MobEasy=JD_MobEasy.

/*RENAMED AND THEN MERGED. MobRes2=JD_MobRes2.

/*RENAMED AND THEN MERGED. MobEasy2=JD_MobEasy2.

/*RENAMED AND THEN MERGED. MP3Res=JD_MP3Res.

/*RENAMED AND THEN MERGED. MP3Easy=JD_MP3Easy.
/*RENAMED AND THEN MERGED. USBRes=JD_USBRes.

/*RENAMED AND THEN MERGED. USBEasy=JD_USBEasy.


/**************start of code to compute JD_ArtLSev

IF (ArtLYN = 2) JD_ArtLSev=513.

IF (VALUE(ArtLYN) = -8) JD_ArtLSev = 515.

ADD VALUE LABELS JD_ArtLSev
513 'Not asked: No arthritis in left hand'
515 'Not asked: Participant did not know if she/he had arthritis'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_ArtLSev
  /ORDER=ANALYSIS.




/**************start of code to compute JD_ArtRSev

IF (ArtRYN = 2) JD_ArtRSev=514.

IF (VALUE(ArtRYN) = -8) JD_ArtRSev = 515.

ADD VALUE LABELS JD_ArtRSev
514 'Not asked: No arthritis in right hand'
515 'Not asked: Participant did not know if she/he had arthritis'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_ArtRSev
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute JD_DexSec

IF (DexTest =2) JD_DexSec=500.

IF (DexTest =3) JD_DexSec=501.

ADD VALUE LABELS JD_DexSec
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than
refusal'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexSec
  /ORDER=ANALYSIS.



/**************start of code to compute JD_DexProb

IF (DexTest =2) JD_DexProb=500.

IF (DexTest =3) JD_DexProb=501.

ADD VALUE LABELS JD_DexProb
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than
refusal'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexProb
  /ORDER=ANALYSIS.



/**************start of code to compute JD_DexTrem

IF (DexTest =2) JD_DexTrem=500.

IF (DexTest =3) JD_DexTrem=501.

ADD VALUE LABELS JD_DexTrem
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than
refusal'.

EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexTrem
  /ORDER=ANALYSIS.




/**************start of code to compute JD_DexSec2

IF (DexTest =2) JD_DexSec2=500.

IF (DexTest =3) JD_DexSec2=501.

ADD VALUE LABELS JD_DexSec2
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than refusal'
-8 'Dont know'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexSec2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_DexProb2

IF (DexTest =2) JD_DexProb2=500.

IF (DexTest =3) JD_DexProb2=501.

ADD VALUE LABELS JD_DexProb2
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than
refusal'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexProb2
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute JD_DexTrem2

IF (DexTest =2) JD_DexTrem2=500.

IF (DexTest =3) JD_DexTrem2=501.

ADD VALUE LABELS JD_DexTrem2
500 'Not asked: No consent'
501 'Not asked: Did not measure hands for reason other than
refusal'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_DexTrem2
  /ORDER=ANALYSIS.



/**************start of code to compute JD_UPreg

IF (JD_RespSex=1) JD_UPreg=503.

ADD VALUE LABELS JD_UPreg
503 'Not asked: Participant is male'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_UPreg
  /ORDER=ANALYSIS.



/**************start of code to compute JD_MMGsWCo

IF (UPreg = 1) JD_MMGsWCo = 504.

ADD VALUE LABELS JD_MMGsWCo
504 'Not asked: Participant is pregnant'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGsWCo
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute JD_MMGSSta

IF (UPreg = 1) JD_MMGSSta = 504.

IF (MMGsWCo = 2) JD_MMGSSta = 500.

IF (MMGsWCo = 3) JD_MMGSSta = 505.

ADD VALUE LABELS JD_MMGSSta
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSSta
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSN1

IF (UPreg = 1) JD_MMGSN1 = 504.

IF (MMGsWCo = 2) JD_MMGSN1 = 500.

IF (MMGsWCo = 3) JD_MMGSN1 = 505.

IF (MMGSSta =4) JD_MMGSN1 = 506.

IF (MMGSSta =3) JD_MMGSN1 = 507.

ADD VALUE LABELS JD_MMGSN1
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'.

EXECUTE.

/*check new variable is correct
```

```
FREQUENCIES VARIABLES= JD_MMGSN1
  /ORDER=ANALYSIS.



/**************start of code to compute JD_MMGSD1

IF (UPreg = 1) JD_MMGSD1 = 504.

IF (MMGsWCo = 2) JD_MMGSD1 = 500.

IF (MMGsWCo = 3) JD_MMGSD1 = 505.

IF (MMGSSta =4) JD_MMGSD1 = 506.

IF (MMGSSta =2) JD_MMGSD1 = 508.

ADD VALUE LABELS JD_MMGSD1
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'
508 'Not asked: Particiant is unable to use dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSD1
  /ORDER=ANALYSIS.



/**************start of code to compute JD_MMGSN2

IF (UPreg = 1) JD_MMGSN2 = 504.

IF (MMGsWCo = 2) JD_MMGSN2 = 500.

IF (MMGsWCo = 3) JD_MMGSN2 = 505.

IF (MMGSSta =4) JD_MMGSN2 = 506.

IF (MMGSSta =3) JD_MMGSN2 = 507.

ADD VALUE LABELS JD_MMGSN2
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
```

```
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSN2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSD2

IF (UPreg = 1) JD_MMGSD2 = 504.

IF (MMGsWCo = 2) JD_MMGSD2 = 500.

IF (MMGsWCo = 3) JD_MMGSD2 = 505.

IF (MMGSSta =4) JD_MMGSD2 = 506.

IF (MMGSSta =2) JD_MMGSD2 = 508.

ADD VALUE LABELS JD_MMGSD2
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'
508 'Not asked: Particiant is unable to use dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSD2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGPos

IF (UPreg = 1) JD_MMGPos = 504.

IF (MMGsWCo = 2) JD_MMGPos = 500.

IF (MMGsWCo = 3) JD_MMGPos = 505.
```

```
IF (MMGSSta =4) JD_MMGPos = 506.

ADD VALUE LABELS JD_MMGPos
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGPos
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSN3

IF (UPreg = 1) JD_MMGSN3 = 504.

IF (MMGsWCo = 2) JD_MMGSN3 = 500.

IF (MMGsWCo = 3) JD_MMGSN3 = 505.

IF (MMGSSta =4) JD_MMGSN3 = 506.

IF (MMGSSta =3) JD_MMGSN3 = 507.

ADD VALUE LABELS JD_MMGSN3
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSN3
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute JD_MMGSD3

IF (UPreg = 1) JD_MMGSD3 = 504.

IF (MMGsWCo = 2) JD_MMGSD3 = 500.

IF (MMGsWCo = 3) JD_MMGSD3 = 505.

IF (MMGSSta =4) JD_MMGSD3 = 506.

IF (MMGSSta =2) JD_MMGSD3 = 508.

ADD VALUE LABELS JD_MMGSD3
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'
508 'Not asked: Particiant is unable to use dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSD3
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSN4

IF (UPreg = 1) JD_MMGSN4 = 504.

IF (MMGsWCo = 2) JD_MMGSN4 = 500.

IF (MMGsWCo = 3) JD_MMGSN4 = 505.

IF (MMGSSta =4) JD_MMGSN4 = 506.

IF (MMGSSta =3) JD_MMGSN4 = 507.

ADD VALUE LABELS JD_MMGSN4
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'.

EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSN4
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSD4

IF (UPreg = 1) JD_MMGSD4 = 504.

IF (MMGsWCo = 2) JD_MMGSD4 = 500.

IF (MMGsWCo = 3) JD_MMGSD4 = 505.

IF (MMGSSta =4) JD_MMGSD4 = 506.

IF (MMGSSta =2) JD_MMGSD4 = 508.

ADD VALUE LABELS JD_MMGSD4
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'
507 'Not asked: Particiant is unable to use non-dominant hand'
508 'Not asked: Particiant is unable to use dominant hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSD4
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGPos2

IF (UPreg = 1) JD_MMGPos2 = 504.

IF (MMGsWCo = 2) JD_MMGPos2 = 500.

IF (MMGsWCo = 3) JD_MMGPos2 = 505.

IF (MMGSSta =4) JD_MMGPos2 = 506.

ADD VALUE LABELS JD_MMGPos2
500 'Not asked: No consent'
```

```
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGPos2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MMGSRes

IF (UPreg = 1) JD_MMGSRes = 504.

IF (MMGsWCo = 2) JD_MMGSRes = 500.

IF (MMGsWCo = 3) JD_MMGSRes = 505.

IF (MMGSSta =4) JD_MMGSRes = 506.

ADD VALUE LABELS JD_MMGSRes
500 'Not asked: No consent'
504 'Not asked: Participant is pregnant'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
506 'Not asked: Particiant is unable to use either hand'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MMGSRes
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MobRes

IF (BMobTest = 2) JD_MobRes = 500.

IF (BMobTest = 3) JD_MobRes = 505.

ADD VALUE LABELS JD_MobRes
500 'Not asked: No consent'
```

```
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MobRes
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MobEasy

IF (BMobTest = 2) JD_MobEasy = 500.

IF (BMobTest = 3) JD_MobEasy = 505.

IF (MobRes = 3) JD_MobEasy = 509.

IF (MobRes = 4) JD_MobEasy = 510.

ADD VALUE LABELS JD_MobEasy
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
509 'Not asked: No buttons pressed'
510 'Not asked: Problem encountered administering task'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MobEasy
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MobRes2

IF (BMobTest = 2) JD_MobRes2 = 500.

IF (BMobTest = 3) JD_MobRes2 = 505.

ADD VALUE LABELS JD_MobRes2
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
EXECUTE.
```

```
/*check new variable is correct

FREQUENCIES VARIABLES= JD_MobRes2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MobEasy2

IF (BMobTest = 2) JD_MobEasy2 = 500.

IF (BMobTest = 3) JD_MobEasy2 = 505.

IF (MobRes2 = 3) JD_MobEasy2 = 509.

IF (MobRes2 = 4) JD_MobEasy2 = 510.

ADD VALUE LABELS JD_MobEasy2
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
509 'Not asked: No buttons pressed'
510 'Not asked: Problem encountered administering task'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MobEasy2
  /ORDER=ANALYSIS.




/**************start of code to compute JD_MP3Res

IF (BMobTest = 2) JD_MP3Res = 500.

IF (BMobTest = 3) JD_MP3Res = 505.

ADD VALUE LABELS JD_MP3Res
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
EXECUTE.

/*check new variable is correct
```

```
FREQUENCIES VARIABLES= JD_MP3Res
  /ORDER=ANALYSIS.



/**************start of code to compute JD_MP3Easy

IF (BMobTest = 2) JD_MP3Easy = 500.

IF (BMobTest = 3) JD_MP3Easy = 505.

IF (MP3Res = 2) JD_MP3Easy = 511.

IF (MP3Res = 3) JD_MP3Easy = 512.

ADD VALUE LABELS JD_MP3Easy
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
511 'Not asked: Task attempted but not completed'
512 'Not asked: Task not attempted'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_MP3Easy
  /ORDER=ANALYSIS.




/**************start of code to compute JD_USBRes

IF (BMobTest = 2) JD_USBRes = 500.

IF (BMobTest = 3) JD_USBRes = 505.

ADD VALUE LABELS JD_USBRes
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_USBRes
  /ORDER=ANALYSIS.
```

```
/**************start of code to compute JD_USBEasy

IF (BMobTest = 2) JD_USBEasy = 500.

IF (BMobTest = 3) JD_USBEasy = 505.

IF (USBRes = 2) JD_USBEasy = 511.

IF (USBRes = 3) JD_USBEasy = 512.

ADD VALUE LABELS JD_USBEasy
500 'Not asked: No consent'
505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
511 'Not asked: Task attempted but not completed'
512 'Not asked: Task not attempted'.

EXECUTE.

/*check new variable is correct

FREQUENCIES VARIABLES= JD_USBEasy
  /ORDER=ANALYSIS.

/***********************end of dexterity module (Joy's actions)



/*********code to computer Respondent's age JR_RespAge

/******** Respondent's sex has already been calculated as it was
needed for understanding the
/*routing of routing dexterity variables

IF AskWho=1 JR_RespAge = DVAge.
IF AskWho=2 JR_RespAge = DVAge2.
IF AskWho=3 JR_RespAge = DVAge3.

VARIABLE LABELS  JR_RespAge "Respondent's Age".

FORMAT JR_RespAge (F2.0).

EXECUTE.


/*********code to computer Respondent's age JR_RespAge

/******** Respondent's sex has already been calculated as it was
needed for understanding the
/*routing of routing dexterity variables
```

```
/*********code to computer Respondent's marital status JR_RespMar

IF AskWho=1 JR_RespMar = MarSt.
IF AskWho=2 JR_RespMar = MarSt2.
IF AskWho=3 JR_RespMar = MarSt3.

VARIABLE LABELS  JR_RespMar "Respondent's Marital Status".

VALUE LABELS JR_RespMar
1 "single, that is, never married"
2 "married and living with your husband/wife"
3 "a civil partner in a legally-recognised Civil Partnership"
4 "married and separated from your husband/wife"
5 "divorced"
6 "widowed"
7 "SPONTANEOUS ONLY - In a legally-8. recognised Civil Partnership
and separated from civil partner"
8 "SPONTANEOUS ONLY - Formerly a civil partner, the Civil
Partnership now legally dissolved"
9 "SPONTANEOUS ONLY - A surviving civil partner, his/her partner
having since died".

EXECUTE.
FORMAT JR_RespMar (F2.0).
 VARIABLE LEVEL JR_RespMar (NOMINAL).

FREQUENCIES VARIABLES= JR_RespMar
  /ORDER=ANALYSIS.


/*********code to compute  Whether the respondent lives with someone
as a couple SW_RespLivW

IF AskWho=1 SW_RespLivW = LiveW.
IF AskWho=2 SW_RespLivW = LiveW2.
IF AskWho=3 SW_RespLivW = LiveW3.
IF (JR_RespMar=2 | JR_RespMar=3) SW_RespLivW = -80.
IF VALUE(DVAge2)=-1 SW_RespLivW = -81.
VARIABLE LABELs  SW_RespLivW "Whether Respondent lives with someone
as a couple".
VALUE LABELs SW_RespLivW
1 "yes"
2 "no"
3 "SPONTANEOUS ONLY: same sex couple"
-80 'Not asked: married and living or civil partner in partnership'
-81 'Not asked: Only one person in household'.

MIS VAL SW_RespLivW (LOW THRU -1).
EXECUTE.
```

```
FORMAT SW_RespLivW (F2.0).
 VARIABLE LEVEL SW_RespLivW (NOMINAL).
EXECUTE.

FREQUENCIES VARIABLES= SW_RespLivW
  /ORDER=ANALYSIS.



/* Sams finishing actions performed on second of February to change
range of missing values for all variables

/*non-scripted action: the type of variable PSU changed from string
to numeric. It was a numeric value anyway,
/*and it being a string was getting in the way of performing global
operations on the entire dataset


/*set missing values for (non-derived) variables

MISSING VALUES Serial
weight
AskWho
JR_RespAge
JD_RespSex
JR_RespMar
    SW_RespLivW
GenHel
Viscon1
Viscon2
Viscon3
Viscon4
Viscon5
Viscon6
Viscon7
Viscon8
Viscon9
VisconH
MajVis
SW_DiffAidForReading
SW_DiffAidForDistance
Bright
Night
    LimVis
SW_SocVis
VisIntro
SW_DayNight
SW_Light
SW_Nearvis3
SW_NearVisD
SW_NVError
    JD_NV_ThresMaj_Corrected_Row
SW_disNVHCmajth
SW_LowVis2
SW_LowVisD
```

```
SW_LVError
SW_ReadVis1
    SW_ReadVis2
SW_ReadVis3
SW_ReadVisD
SW_RVError
JD_NV_ThresAid_Corrected_Row
SW_disNVHCaidth
    SW_LRedVis2
SW_LRedVisD
SW_LRError
DisVis1
SW_DisVis2
SW_DisVis4
SW_DVError SW_Dglsvis1 SW_DGLs3
    SW_DGError
JD_DV_Thres_Corrected_Row
SW_DisSetUp
    RT_HAidType RT_IndLoop RT_ILoopUse RT_HAidHear
RT_GenHear LocalSnd Hlimit RT_HIsolate HtestInt
    RT_BackNois
MMGSDom
    ArtLYN JD_ArtLSev ArtRYN JD_ArtRSev
 limit Dextest JD_DexSec
    JD_DexProb JD_DexTrem JD_DexSec2
JD_DexProb2 JD_DexTrem2 JD_UPreg JD_MMGsWCo
JD_MMGSSta JD_MMGPos
JD_MMGPos2
    JD_MMGSRes
BMobtest JD_MobRes JD_MobEasy JD_MobRes2 JD_MobEasy2
JD_MP3Res JD_MP3Easy JD_USBRes
    JD_USBEasy
MobAids MobAidH  Mlimit RT_MIsolate
    BInjury RT_Breach RT_FrontLt RT_FrontRt
RT_AboveLt RT_AboveRt ReaLimit
    CfLimit CfConsent RT_CfProM RT_CfTest RT_CfLis
RT_CfLisSt RT_CfLisEn
 RT_CfLet RT_CfLetEn2
 RT_CfLisD RT_CfLitSK
MobFr TextFr DigcamFr DigTVFr
    CompFr MP3Fr XboxFr HandFr
RT_MobDiff RT_TextDiff RT_DigCDiff RT_DigTVDiff
RT_CompDiff RT_MP3Diff
    RT_XBoxDiff RT_HandDiff BProd
Giveup AlwaysSo ProdEff ProdNerv IntResA IntResB  Bfinger
RT_FinHole Tenure AcaQual
VocQual Activit RT_EverWork RT_Stat RT_Manage01
RT_Solo RT_FTPT INCOME Ethnic TelNum Outcome
IntLen1 LangProf PSU
Sex DVAge
MarSt LiveW
Sex2 DVAge2 MarSt2 LiveW2
Sex3 DVAge3 MarSt3 LiveW3  Majvis1a Majvis2a Majvis3a Majvis4a
    Majvis5a Majvis6a Majvis1b Majvis2b Majvis3b Majvis4b Majvis5b
Majvis6b SocVis DayNight Light
```

```
    Nearvis3 NearvisD NVerror NvisRow NVDis2 Lowvis2
LowvisD LVerror ReadVis1 ReadVis2 Readvis3 ReadvisD RVerror
HreadRow RVdis2  Lredvis2 LredvisD LRerror
Disvis2 Disvis4 DVerror DglsVis1 Dgls3 DGerror DisSetUp
HearAid
RT_HAidFreq
HaidFreq HaidType Indloop IloopUse
    HAidHear GenHear HIsolate Backnois
NHhighv1 NHhighv2 NHmedV1 NHMedv2 NHlowV1 NHlowv2
NoiseLv1 NoiseLv2 NoiseMV1 NoiseMv2 NoiseHV1 NoiseHv2
RT_NHHighV1 RT_NHHighV2 RT_NHMedV1 RT_NHMedV2
RT_NHLowV1 RT_NHLowV2 RT_NoiseLV1
    RT_NoiseLV2 RT_NoiseMV1 RT_NoiseMV2
RT_NoiseHV1 RT_NoiseHV2
 ArtLSev ArtRSev
Openn Push Lift Tying Pulling Turning
Dexsec DexProb DexTrem Dexsec2 DexProb2
    DexTrem2 UPreg MMGsWCo MMGSSta MMGSN1 MMGSD1 MMGSN2 MMGSD2
MMGPos MMGSN3
    MMGSD3 MMGSN4 MMGSD4 MMGPos2 MMGSRes
JD_MMGSN1
    JD_MMGSD1 JD_MMGSN2 JD_MMGSD2
JD_MMGSN3 JD_MMGSD3 JD_MMGSN4 JD_MMGSD4
    MobRes MobEasy  MobRes2 MobEasy2 MP3Res MP3easy  USBRES
    USBeasy
ChairW ChairWO Plug
MIsolate BReach FrontLt FrontRt AboveLt AboveRt
 CfProM
    CfTest CfLis CfLisSt CfLisEn CfMem CfLet CfLetEn2
  NRow NClm NCorrect NMissed
CfMemS CfLisD CfLitSK CfLitB CfLitC CfLitE CfSumA
    CfSumB CfSumC CfSumD
RT_CfMem
RT_NRow RT_NClm RT_NCorrect RT_NMissed
RT_CfMemS
RT_CfLitB RT_CfLitC RT_CfLitE
    RT_CfSumA RT_CfSumB RT_CfSumC RT_CfSumD
MobDiff TextDiff
    DigcDiff DigTVDiff CompDiff MP3Diff XboxDiff HandDiff
BuyPref1 BuyPref2
BuyPref3 TestRAND
WeightM WeightS WeightP WeightK
RT_WeightS RT_WeightP RT_WeightK
HeightF HeightI HeightC  HeightM
    RT_HeightF RT_HeightI RT_HeightC FinHole
EverWork Stat Manage01 Solo FTPT  (-88888 thru -1).


/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
```

```
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
/****************************** end of original V1
```

```
/*starting data file P3037 362 cases v1.sav
/* Joys actions 26/1/11

/**************Recoding of positive integers to negative

RECODE SW_SocVis SW_DayNight SW_Light SW_Nearvis3 SW_NearVisD
SW_NVError
  SW_LowVis2 SW_LowVisD SW_LVError SW_ReadVis1 SW_ReadVis2
SW_ReadVis3 SW_ReadVisD SW_RVError
SW_LRedVis2 SW_LRedVisD SW_LRError (20=-19)
    (21=-21) (22=-22) (23=-23) (24=-24) (25=-25) (26=-26) (27=-27)
(28=-28) (29=-29) (200=-200).
EXECUTE.



RECODE SW_DisVis2 SW_DisVis4 SW_DVError SW_Dglsvis1 SW_DGLs3
SW_DGError SW_DisSetUp
(201=-201) (202=-202) (203=-203) (204=-204) (205=-205)  (206=-206)
(207=-207) (208=-208) (209=-209) (210=-210) (211=-211) (212=-212).
EXECUTE.



/* Aggregating vision variables
```

```
/*
************************************************************************
******
/* ********* Recode rest of missing values to
negatives***************
/*
************************************************************************
******
/* JR: Recodes specified positive Missing values to negatives, for
the Mobility and reach/stretch module:

RECODE MobAids MobAidH ChairW ChairWO Plug Mlimit RT_MIsolate
BInjury
    RT_Breach RT_FrontLt RT_FrontRt RT_AboveLt RT_AboveRt ReaLimit
(20=-19) (21=-21) (22=-22) (23=-23) (24=-24) (25=-25) (26=-26) (40=-
40)
    (41=-41) (42=-42) (43=-43) (44=-44) (91=-91) (30=-30) (31=-31)
(34=-34) (33=-33) (32=-32) (92=-92) (93=-93).
EXECUTE.


/* JR: Recodes specified positive Missing values to negatives, for
the DEXTERITY module:

RECODE MMGSDom ArtLYN JD_ArtLSev ArtRYN JD_ArtRSev Openn Push Lift
Tying Pulling Turning limit
    Dextest JD_DexSec JD_DexProb JD_DexTrem JD_DexSec2 JD_DexProb2
JD_DexTrem2 JD_UPreg JD_MMGsWCo
    JD_MMGSSta JD_MMGSN1 JD_MMGSD1 JD_MMGSN2 JD_MMGSD2 JD_MMGPos
JD_MMGSN3 JD_MMGSD3 JD_MMGSN4
    JD_MMGSD4 JD_MMGPos2 JD_MMGSRes BMobtest JD_MobRes
    JD_MobEasy JD_MobRes2 JD_MobEasy2 JD_MP3Res JD_MP3Easy JD_USBRes
JD_USBEasy (500=-500) (501=-501) (502=-502) (503=-503) (504=-504)
(505=-505)
    (506=-506) (507=-507) (508=-508) (509=-509) (510=-510) (511=-
511) (512=-512) (513=-513) (514=-514)
    (515=-515).
EXECUTE.



/*JL: Change Cognitive module missing to negatives

RECODE CfLimit CfConsent RT_CfProM RT_CfTest RT_CfLis RT_CfLisSt
RT_CfLisEn RT_CfMem RT_CfLet
    RT_CfLetEn2 RT_CfMemS RT_CfLisD RT_CfLitSK RT_CfLitB RT_CfLitC
RT_CfLitE RT_CfSumA RT_CfSumB
    RT_CfSumC RT_CfSumD (20=-19) (21=-21) (22=-22) (23=-23) (24=-24)
(25=-25) (26=-26).
EXECUTE.

RECODE RT_NRow RT_NClm RT_NCorrect RT_NMissed (85=-85) (86=-86).
EXECUTE.
```

```
/*JL: Height and Weight: Change missing to negatives

RECODE WeightM RT_WeightS RT_WeightP HeightM RT_HeightF RT_HeightI
RT_HeightC Bfinger (40=-40)
    (41=-41) (42=-42) (91=-91) (92=-92) (93=-93).
EXECUTE.

RECODE RT_WeightK (901=-901) (902=-902) (903=-903).
EXECUTE.

RECODE RT_FinHole (25=-25).
EXECUTE.



/*JL: missing into negatives for Demographics

RECODE Tenure AcaQual VocQual Activit RT_EverWork RT_Stat
RT_Manage01 RT_Solo RT_FTPT INCOME Ethnic
    TelNum (40=-40) (41=-41) (42=-42) (43=-43) (44=-44).
EXECUTE.



/*JL: missings to negatives prod use (technology)

RECODE MobFr TextFr DigcamFr DigTVFr CompFr MP3Fr XboxFr HandFr
RT_MobDiff RT_TextDiff RT_DigCDiff
    RT_DigTVDiff RT_CompDiff RT_MP3Diff RT_XBoxDiff RT_HandDiff
BProd BuyPref1 BuyPref2 BuyPref3 Giveup
    AlwaysSo ProdEff ProdNerv TestRand IntResA IntResB (40=-40)
(41=-41).
EXECUTE.



/* Jose: this is to change all hearing variables, positive missing
values into negative values

RECODE HearAid RT_HAidFreq RT_HAidType RT_IndLoop RT_ILoopUse
RT_HAidHear RT_GenHear LocalSnd
    Hlimit RT_HIsolate HtestInt RT_BackNois RT_NHHighV1 RT_NHHighV2
RT_NHMedV1 RT_NHMedV2 RT_NHLowV1
    RT_NHLowV2 RT_NoiseLV1 RT_NoiseLV2 RT_NoiseMV1 RT_NoiseMV2
RT_NoiseHV1 RT_NoiseHV2 (30=-30)
    (31=-31) (34=-34) (33=-33) (32=-32).
EXECUTE.




/*
**********************************************************************
******
```

```
/* *************  JR: Dexterity derived variables
************************
/*
*************************************************************************
******

COMPUTE JR_GSNCAv=MEAN(JD_MMGSN1,JD_MMGSN2).
VARIABLE LABELS JR_GSNCAv 'Non-dominant comfort grip Mean'.
COMPUTE JR_GSDCAv=MEAN(JD_MMGSD1,JD_MMGSD2).
VARIABLE LABELS JR_GSDCAv 'Dominant comfort grip strength Mean'.
COMPUTE JR_GSNCDF=ABS(JD_MMGSN1-JD_MMGSN2).
VARIABLE LABELS JR_GSNCDF 'Non-dominant comfort grip strength
difference'.
COMPUTE JR_GSDCDF=ABS(JD_MMGSD1-JD_MMGSD2).
VARIABLE LABELS JR_GSDCDF 'Dominant comfort grip strength
difference'.
COMPUTE JR_GSNTAv=MEAN(JD_MMGSN3,JD_MMGSN4).
VARIABLE LABELS JR_GSNTAv 'Non-dominant grip strength Threshold
Mean'.
COMPUTE JR_GSDTAv=MEAN(JD_MMGSD3,JD_MMGSD4).
VARIABLE LABELS JR_GSDTAv 'Dominant grip strength Threshold Mean'.
COMPUTE JR_GSNTDF=ABS(JD_MMGSN3-JD_MMGSN4).
VARIABLE LABELS JR_GSNTDF 'Non-dominant grip strength Threshold
Difference'.
COMPUTE JR_GSDTDF =ABS(JD_MMGSD3-JD_MMGSD4).
VARIABLE LABELS JR_GSDTDF 'Dominant grip strength Threshold
Difference'.
EXECUTE.




/*
*************************************************************************
******
/* ************************** Hearing variables
**************************
/*
*************************************************************************
******

/*  Relabel original hearing variables to include dB levels and make
them clearer

VARIABLE LABELS RT_NHHighV1 'Normal hearing (no background noise) at
high volume (60dB) - test 1 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NHHighV2 'Normal hearing (no background noise) at
high volume (60dB) - test 2 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NHMedV1 'Normal hearing (no background noise) at
medium volume (40dB) - test 1 - number of numbers identified
correctly'.
```

```
VARIABLE LABELS RT_NHMedV2 'Normal hearing (no background noise) at
medium volume (40dB) - test 2 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NHLowV1 'Normal hearing (no background noise) at
low volume (25dB) - test 1 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NHLowV2 'Normal hearing (no background noise) at
low volume (25dB) - test 2 - number of numbers identified
correctly'.

VARIABLE LABELS RT_NoiseLV1 'Hearing at medium volume (40dB) with
low background noise (25dB) - test 1 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NoiseLV2 'Hearing at medium volume (40dB) with
low background noise (25dB) - test 2 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NoiseMV1 'Hearing at medium volume (40dB) with
medium background noise (40dB) - test 1 - number of numbers
identified correctly'.
VARIABLE LABELS RT_NoiseMV2 'Hearing at medium volume (40dB) with
medium background noise (40dB) - test 2 - number of numbers
identified correctly'.
VARIABLE LABELS RT_NoiseHV1 'Hearing at medium volume (40dB) with
high background noise (60dB) - test 1 - number of numbers identified
correctly'.
VARIABLE LABELS RT_NoiseHV2 'Hearing at medium volume (40dB) with
high background noise (60dB) - test 2 - number of numbers identified
correctly'.
EXECUTE.

/* ***************** Hearing derived variables
*************************
/* JL wrote the initial versions of these. JD has corrected them
substantially.

/*Jose: this adds an intermediate variable that sums each pair of
V1V2 measurements
/* (across L, M, H conditions for both normal and noise).

COMPUTE JL_NHHighV1V2=RT_NHHighV1 + RT_NHHighV2.
VARIABLE LABELS JL_NHHighV1V2 'Total score for high vol with no
noise'.
EXECUTE.
COMPUTE JL_NHMedV1V2=RT_NHMedV1 + RT_NHMedV2.
VARIABLE LABELS JL_NHMedV1V2 'Total score for medium vol with no
noise'.
EXECUTE.
COMPUTE JL_NHLowV1V2=RT_NHLowV1 + RT_NHLowV2.
VARIABLE LABELS JL_NHLowV1V2 'Total score for low vol with no
noise'.
EXECUTE.
COMPUTE JL_NoiseLV1V2=RT_NoiseLV1 + RT_NoiseLV2.
VARIABLE LABELS JL_NoiseLV1V2 'Total score for low background
noise'.
EXECUTE.
```

```
COMPUTE JL_NoiseMV1V2=RT_NoiseMV1 + RT_NoiseMV2.
VARIABLE LABELS JL_NoiseMV1V2 'Total score for medium background
noise'.
EXECUTE.
COMPUTE JL_NoiseHV1V2=RT_NoiseHV1 + RT_NoiseHV2.
VARIABLE LABELS JL_NoiseHV1V2 'Total score for high background
noise'.
EXECUTE.



/*Jose: Creates intermediate dicotomous variables 0 to 4 = 1 and 5
and 6 = 2

RECODE JL_NHHighV1V2 JL_NHMedV1V2 JL_NHLowV1V2 JL_NoiseLV1V2
JL_NoiseMV1V2 JL_NoiseHV1V2 (0 thru
    4=1) (5 thru 6=2) (ELSE=Copy) INTO JL_High_06 JL_Med_06
JL_Low_06 JL_Noise_Low_06 JL_Noise_Med_06
    JL_Noise_High_06.
EXECUTE.


ADD VALUE LABELS
JL_High_06 JL_Med_06 JL_Low_06 JL_Noise_Low_06 JL_Noise_Med_06
JL_Noise_High_06
1 'Failure (0-4 digits heard correctly)'
2 'Success (5 or 6 digits heard correctly)'.
EXECUTE.

VARIABLE LABELS JL_High_06 'Failure or success for high vol with no
noise'.
VARIABLE LABELS JL_Med_06 'Failure or success for medium vol with no
noise'.
VARIABLE LABELS JL_Low_06 'Failure or success for low vol with no
noise'.
VARIABLE LABELS JL_Noise_Low_06 'Failure or success for low
background noise'.
VARIABLE LABELS JL_Noise_Med_06 'Failure or success for medium
background noise'.
VARIABLE LABELS JL_Noise_High_06 'Failure or success for high
background noise'.
EXECUTE.



/*Jose: This generates 2 derived values for hearing and assigns an
ascending ordinal scale
/*to their hearing capacity accros normal and noise conditions.

/* JL_Hears: Hearing at low, medium and high volumes (no background
noise).

COMPUTE JL_Hears=-1.
EXECUTE.
```

```
IF JL_Low_06=2 JL_Hears=4.
IF (JL_Low_06=1 AND JL_Med_06=2) JL_Hears=3.
IF (JL_Low_06=1 AND JL_Med_06=1 AND JL_High_06=2) JL_Hears=2.
IF (JL_Low_06=1 AND JL_Med_06=1 AND JL_High_06=1) JL_Hears=1.
EXECUTE.

VARIABLE LABELS JL_Hears 'Hearing at different volumes (no
background noise).'.
EXECUTE.

ADD VALUE LABELS JL_Hears
-1 'Unsorted Missing'
1 'Cannot hear speech at any of the volumes'
2 'Can hear speech at high volume (60dB) only'
3 'Can hear speech at medium volume (40dB) but not low volume
(25dB)'
4 'Can hear speech at low volume (25dB)'.
EXECUTE.



/* JL_Hears_WNoise: Hearing at medium volume at no, low, medium and
high levels of background noise.

COMPUTE JL_Hears_WNoise=-1.
EXECUTE.

IF JL_Noise_High_06=2 JL_Hears_WNoise=5.
IF (JL_Noise_High_06=1 AND JL_Noise_Med_06=2) JL_Hears_WNoise=4.
IF (JL_Noise_High_06=1 AND JL_Noise_Med_06=1 AND JL_Noise_Low_06=2)
JL_Hears_WNoise=3.
IF (JL_Noise_High_06=1 AND JL_Noise_Med_06=1 AND JL_Noise_Low_06=1
AND  JL_Med_06=2) JL_Hears_WNoise=2.
IF (JL_Noise_High_06=1 AND JL_Noise_Med_06=1 AND JL_Noise_Low_06=1
AND  JL_Med_06=1) JL_Hears_WNoise=1.
EXECUTE.

VARIABLE LABELS JL_Hears_WNoise 'Hearing at medium volume at
different levels of background ICRA noise'.
EXECUTE.

ADD VALUE LABELS JL_Hears_WNoise
-1 'Unsorted Missing'
1 'Cannot hear speech at medium volume (40dB), even with no
background noise'
2 'Can hear speech at medium volume (40dB) with no background noise
but not with a low level of noise (25dB)'
3 'Can hear speech at medium volume (40dB) with a low (25dB) but not
medium (40dB) level of background noise'
4 'Can hear speech at medium volume (40dB) with a medium (40dB) but
not high (60dB) level of background noise'
5 'Can hear speech at medium volume (40dB) with a high level (60dB)
of background noise'.
EXECUTE.
```

```
/*
*****************************************************************
******
/* ********  Raji, Jose and John: Cognition derived variables
*********
/*
*****************************************************************
******

/************* code to compute successful performance on prospective
memory task: JL_prosSuccess

COMPUTE JL_prosSuccess=(RT_CfMem+RT_CfMemS)=2.
VARIABLE LABELS JL_prosSuccess "Performance on prospective memory
task".
EXECUTE.

ADD VALUE LABELS JL_prosSuccess
1"Success"
0 "Failure".
EXECUTE.



/*************************code to Calculate the number of letters
scanned in letter cancellation task: JL_xnumscan
/* This calculation assumes that participants read the rows left to
right.

COMPUTE JL_xnumscan = ((RT_NRow-1))*30 + RT_NClm.
VARIABLE LABEls JL_xnumscan "Number of letters scanned in the letter
cancellation task".
EXECUTE.


/*************code to computer Literacy score  - Total number of
correct answers: JL_litscore

COMPUTE JL_litscore =-1.
DO IF RT_CfLitSK=1.
COMPUTE JL_litscore =0.
IF RT_CfLitB=1 JL_litscore = JL_litscore +1.
IF RT_CfLitC=1 JL_litscore = JL_litscore +1.
IF RT_CfLitE=1 JL_litscore = JL_litscore +1.
END IF.
EXE.
VARIABLE LABELS JL_litscore "Total number of correct answers".
EXE.
```

```
*/*********code to compute Executive Function variable:
KR_SearchEfficiency
NatCen method for efficiency calculation: number of letters
correctly cancelled divided by total target letters.

COMPUTE KR_SearchEfficiency = ((RT_NCorrect) / (RT_NCorrect +
RT_NMissed)) .
VARIABLE LABELS KR_SearchEfficiency 'Search efficiency as a measure
of executive function'.
EXECUTE .



/**********code to computer Numeracy score - Total number of correct
answers: JL_numscore

COMPUTE JL_numscore =-1.
DO IF CfConsent=1.
COMPUTE JL_numscore =0.
IF RT_CfSumA=1 JL_numscore = JL_numscore +1.
IF RT_CfSumB=1 JL_numscore = JL_numscore +1.
IF RT_CfSumC=1 JL_numscore = JL_numscore +1.
IF RT_CfSumD=1 JL_numscore = JL_numscore +1.
END IF.
EXECUTE.
VARIABLE LABELS JL_numscore "Total number of correct answers".
EXE.



/*
**************************************************************************
******
/* **********************  Product Use derived variables
***************
/*
**************************************************************************
******

/* Buying preferences
/* NatCen provided code for this (in v1tov2)
/* but JD rewrote a new version of the code that we understand more
clearly and error check more robustly.
/* In particular, we are clearer about how it deals with the -8s
("don't know") cases
/* This code is designed to keep a buying preference for the most
important factor in the analysis
/* even if the participant said he/she didn't know on the 2nd or 3rd
buying preference.

/* Create variables JD_Pref_LowPrice, JD_Pref_Appearance,
JD_Pref_Durability, JD_Pref_EnvImpact,
/* JD_Pref_EaseUse, JD_Pref_Quality, JD_Pref_RangeFns
```

```
/* These contain the preference expressed by the participant for
that particular factor
/* 3 = 1st choice, 2 = 2nd choice, 1 = 3rd choice, -1 = did not list
this factor in the top 3 factors.

/* Set all the variables to 0 to start with.
COMPUTE JD_Pref_LowPrice = -1.
COMPUTE JD_Pref_Appearance = -1.
COMPUTE JD_Pref_Durability = -1.
COMPUTE JD_Pref_EnvImpact = -1.
COMPUTE JD_Pref_EaseUse = -1.
COMPUTE JD_Pref_Quality = -1.
COMPUTE JD_Pref_RangeFns = -1.

/* Then check the buying preferences in backwards order.
/* This ensures that in the (unlikely) instance that a participant
lists the same factor twice,
/* it will be noted in the highest position in which it occurs.

/* Check third buying preferences.
IF BuyPref3 = 1 JD_Pref_LowPrice = 1.
IF BuyPref3 = 2 JD_Pref_Appearance = 1.
IF BuyPref3 = 3 JD_Pref_Durability = 1.
IF BuyPref3 = 4 JD_Pref_EnvImpact = 1.
IF BuyPref3 = 5 JD_Pref_EaseUse = 1.
IF BuyPref3 = 6 JD_Pref_Quality = 1.
IF BuyPref3 = 7 JD_Pref_RangeFns = 1.

/* Check second buying preferences.
IF BuyPref2 = 1 JD_Pref_LowPrice = 2.
IF BuyPref2 = 2 JD_Pref_Appearance = 2.
IF BuyPref2 = 3 JD_Pref_Durability = 2.
IF BuyPref2 = 4 JD_Pref_EnvImpact = 2.
IF BuyPref2 = 5 JD_Pref_EaseUse = 2.
IF BuyPref2 = 6 JD_Pref_Quality = 2.
IF BuyPref2 = 7 JD_Pref_RangeFns = 2.

/* Check first buying preferences.
IF BuyPref1 = 1 JD_Pref_LowPrice = 3.
IF BuyPref1 = 2 JD_Pref_Appearance = 3.
IF BuyPref1 = 3 JD_Pref_Durability = 3.
IF BuyPref1 = 4 JD_Pref_EnvImpact = 3.
IF BuyPref1 = 5 JD_Pref_EaseUse = 3.
IF BuyPref1 = 6 JD_Pref_Quality = 3.
IF BuyPref1 = 7 JD_Pref_RangeFns = 3.

VARIABLE LABELS JD_Pref_LowPrice "Buying Preference: Importance of
low price".
VARIABLE LABELS JD_Pref_Appearance "Buying Preference: Importance of
appearance".
VARIABLE LABELS JD_Pref_Durability "Buying Preference: Importance of
durability".
VARIABLE LABELS JD_Pref_EnvImpact "Buying Preference: Importance of
environmental impact".
```

```
VARIABLE LABELS JD_Pref_EaseUse "Buying Preference: Importance of
ease of use".
VARIABLE LABELS JD_Pref_Quality "Buying Preference: Importance of
quality".
VARIABLE LABELS JD_Pref_RangeFns "Buying Preference: Importance of
range of functions".

ADD VALUE LABELS  JD_Pref_LowPrice, JD_Pref_Appearance,
JD_Pref_Durability, JD_Pref_EnvImpact,
   JD_Pref_EaseUse, JD_Pref_Quality, JD_Pref_RangeFns
-99 'Missing: No data'
-1 'Did not list this factor in the top three factors'
1 '3rd choice'
2 '2nd choice'
3 '1st choice'.

EXECUTE.




/*
*********************************************************************
******
/* ******************  Antropometrics derived variables
***************
/*
*********************************************************************
******

/**************************code to compute Weight in kilograms
(regardless of whether respondent
/*chose to answer stone pounds/kilograms) JR_xweight
/* JD: Conversion factor made a bit more accurate

IF weightm=1 JR_xweight= ((RT_WeightS*14) + RT_WeightP)*0.45359237.

IF  weightm=2 JR_xweight=RT_WeightK.

VARIABLE LABELS JR_xweight "Weight in kilograms".



RECODE JR_xweight (SYSMIS=-9).

EXECUTE.




/************************code to compute Height in centimetres
(regardless of whether the
```

```
/*respondent chose to answer in feet/inches) JR_xheight

IF heightm=1 JR_xheight= ((RT_HeightF*12) + RT_HeightI)*2.54.

IF  heightm=2 JR_xheight=RT_HeightC.

VARIABLE LABELS JR_xheight "Height in centimetres".

RECODE JR_xheight (SYSMIS=-9).

EXECUTE.

*****************************************************************
/*****************************************************************
/*START OF SAM'S CODE TO SORT OUT VALUE LABELS FOR ALL NEGATIVE
NUMBERS
/*****************************************************************
/*****************************************************************
/*****************************************************************

ADD VALUE LABELS  SW_SocVis
-19 'Not asked: no vision limitations'.
ADD VALUE LABELS SW_DayNight
-19 'Not asked: no consent'.
ADD VALUE LABELS SW_Light
-19 'Not asked: no consent'.
ADD VALUE LABELS SW_NearVis3
-19 'Not asked: no consent'.
ADD VALUE LABELS SW_NearVisD
-19 'Not asked: no consent'
-21 'Not asked: didnt even try to read largest row on comfort test'.
ADD VALUE LABELS SW_NVError
-19 'Not asked: no consent'
-21 'Not asked: didnt even try to read largest row on comfort test'.
ADD VALUE LABELS SW_LowVis2
-19 'Not asked: no consent'.
ADD VALUE LABELS SW_LowVisD
-19 'Not asked: no consent'
-21 'Not asked: didnt even try to read largest row on comfort test'.
ADD VALUE LABELS SW_LVError
-19 'Not asked: no consent'
-21 'Not asked: didnt even try to read largest row on comfort test'.
ADD VALUE LABELS SW_ReadVis1
-27 'Not asked: does not use alternative setup for reading'.
ADD VALUE LABELS SW_ReadVis2
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_ReadVis3
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_ReadVisD
```

```
-21 'Not asked: didnt even try to read largest row on comfort test'
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_RVError
-21 'Not asked: didnt even try to read largest row on comfort test'
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_LRedVis2
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_LRedVisD
-21 'Not asked: didnt even try to read largest row on comfort test'
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_LRError
-21 'Not asked: didnt even try to read largest row on comfort test'
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_DisVis2
-201 'Not asked: Not enough space for distance test'.
ADD VALUE LABELS SW_DisVis4
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision tests'
-203 'Not asked: Unable to measure distance vision for another
reason'.
ADD VALUE LABELS SW_DVError
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision tests'
-203 'Not asked: Unable to measure distance vision for another
reason'
-204 'Not asked: didnt even try to read largest row on comfort
test'.
ADD VALUE LABELS SW_Dglsvis1
-209 'Not asked: does not use a different setup for seeing things at
a distance'.
ADD VALUE LABELS SW_DGLs3
-209 'Not asked: does not use a different setup for seeing things at
a distance'
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_DGError
-204 'Not asked: didnt even try to read largest row on comfort test'
-209 'Not asked: does not use a different setup for seeing things at
a distance'
```

```
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS SW_DisSetUp
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision tests'
-203 'Not asked: Unable to measure distance vision for another
reason'
-209 'Not asked: does not use a different setup for seeing things at
a distance'
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'.
ADD VALUE LABELS RT_HAidFreq
-30 'Not asked: does not use a hearing aid'.
ADD VALUE LABELS RT_HAidType
-30 'Not asked: does not use a hearing aid'
-31 'Not asked: rarely or never used hearing aid'.
ADD VALUE LABELS RT_IndLoop
-30 'Not asked: does not use a hearing aid'
-31 'Not asked: rarely or never used hearing aid'
.
ADD VALUE LABELS RT_ILoopUse
-30 'Not asked: does not use a hearing aid'
-31 'Not asked: rarely or never used hearing aid'
-32 'Not asked: no induction loop or dont know'.
ADD VALUE LABELS RT_HAidHear
-30 'Not asked: does not use a hearing aid'
-31 'Not asked: rarely or never used hearing aid'.
ADD VALUE LABELS RT_GenHear
-30 'Not asked: does not use a hearing aid'.
ADD VALUE LABELS RT_HIsolate
-33 'Not asked: not limited with daily activities'.
ADD VALUE LABELS RT_BackNois RT_NHHighV1 RT_NHHighV2 RT_NHMedV1
RT_NHMedV2 RT_NHLowV1 RT_NHLowV2 RT_NoiseLV1 RT_NoiseLV2
-34 'Not asked: no consent, equipment failure or other reason'.
ADD VALUE LABELS RT_NoiseMV1 RT_NoiseMV2 RT_NoiseHV1 RT_NoiseHV2
-34 'Not asked: no consent, equipment failure or other reason'.
ADD VALUE LABELS RT_MIsolate
-43 'Not asked: no mobility limitations'
-44 'Not asked: dont know about mobility limitation'.
ADD VALUE LABELS RT_Breach
-19 'Not asked: had a recent back or shoulder injury'.
ADD VALUE LABELS RT_FrontLt
-19 'Not asked: had a back or shoulder injury or unable to take
part'.
ADD VALUE LABELS RT_FrontRt
-19 ‘Not asked: had a back or shoulder injury or unable to take
part’.
ADD VALUE LABELS RT_AboveLt
-19 ‘Not asked: had a back or shoulder injury or unable to take
part’.
ADD VALUE LABELS RT_AboveRt
-19 ‘Not asked: had a back or shoulder injury or unable to take
part’.
```

```
ADD VALUE LABELS RT_CfProM
-19 ‘no consent or test not performed for other reason’.
ADD VALUE LABELS RT_CfTest
-21 ‘no consent therefore test not performed for other reason’.
ADD VALUE LABELS RT_CfLis
-22 'Not asked: no consent'
-23 'Not asked: list read by the interviewer'
.
ADD VALUE LABELS RT_CfLisSt
-22 'Not asked: no consent'
-24 'Not asked: list read by computer'
.
ADD VALUE LABELS RT_CfLisEn
-1 'Item not applicable'.
ADD VALUE LABELS RT_CfLisEn
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfMem
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfLet
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfLetEn2
-25 'Not asked: no consent or test not performed for other reason'
-26 'respondent didnt understand the task or unable to perform the
task'.
ADD VALUE LABELS RT_NRow
-1 'Not applicable, includes Refusals and Dont Knows'.
ADD VALUE LABELS RT_NRow
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'.
ADD VALUE LABELS RT_NClm
-1 'Not applicable, includes Refusals and Dont Knows'.
ADD VALUE LABELS RT_NClm
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'.
ADD VALUE LABELS RT_NCorrect
-1 'Not applicable, includes Refusals and Dont Knows'.
ADD VALUE LABELS RT_NCorrect
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'.
ADD VALUE LABELS RT_NMissed
-1 'Not applicable, includes Refusals and Dont Knows'.
ADD VALUE LABELS RT_NMissed
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'.
ADD VALUE LABELS RT_CfMemS
-25 'Not asked: no consent or test not performed for other reason'
-26 'respondent unable to perform this task'.
ADD VALUE LABELS RT_CfLisD
-1 'Item not applicable'.
ADD VALUE LABELS RT_CfLisD
-25 'Not asked: no consent or test not performed for other reason'.
```

```
ADD VALUE LABELS RT_CfLitSK
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfLitB
-25 'Not asked: no consent'
-26 'Respondent unable to do test due to sight/health/other
problems'.
ADD VALUE LABELS RT_CfLitC
-25 'Not asked: no consent'
-26 'Respondent unable to do test due to sight/health/other
problems'.
ADD VALUE LABELS RT_CfLitE
-25 'Not asked: no consent'
-26 'Respondent unable to do test due to sight/health/other
problems'.
ADD VALUE LABELS RT_CfSumA
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfSumB
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfSumC
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_CfSumD
-25 'Not asked: no consent or test not performed for other reason'.
ADD VALUE LABELS RT_WeightS
-91 'indicated dont know at first prompt'
-92 'indicated refusal at first prompt'
-93 'weight provided in kilograms'.
ADD VALUE LABELS RT_WeightP
-91 'indicated dont know at first prompt'
-92 'indicated refusal at first prompt'
-93 'weight provided in kilograms'.
ADD VALUE LABELS RT_Weightk
-901 'indicated dont know at first prompt'
-902 'indicated refusal at first prompt'
-903 'weight provided in stone and pounds'.
ADD VALUE LABELS RT_HeightF
-40 'height provided in centimeters'
-41'dont know height'.
ADD VALUE LABELS RT_HeightI
-40 'height provided in centimeters'
-41'dont know height'.
ADD VALUE LABELS RT_HeightC
-42 'height provided in feet and inches'
-41'dont know height'.
ADD VALUE LABELS RT_FinHole
-25 'Not asked: no consent or test not performed for other reason'
1 '10mm'
2 '12mm'
3 '14mm'
4 '16mm'
5 '18mm'
6 '20mm'
7 '22mm'
8 '24mm'.
ADD VALUE LABELS RT_MobDiff
-40 'Not asked: never used'
```

```
-41'Not asked: dont know'.
ADD VALUE LABELS RT_TextDiff
-40 'Not asked: never used'
-41'Not asked: dont know'.
ADD VALUE LABELS RT_DigCDiff
-40 'Not asked: never used digital camera'
-41'Not asked: dont know'.
ADD VALUE LABELS RT_DigTVDiff
-40 'Not asked: never used digital TV'
-41'Not asked: dont know'.
ADD VALUE LABELS RT_CompDiff
-40 'Not asked: never used internet'
-41'Not asked: dont know'.
ADD VALUE LABELS RT_MP3Diff
-40 'Not asked: never used mp3 player or dont know'.
ADD VALUE LABELS RT_XBoxDiff
-40 'Not asked: never used gaming console'
-41'Not asked: dont know'.
ADD VALUE LABELS RT_HandDiff
-40 'Not asked: never used satellite navigation or dont know'.
ADD VALUE LABELS RT_EverWork
-40 'Not asked: respondent currently in paid employment '
-41 'Not asked: respondent currently in self-employment'
-42 'Not asked: respondent currently retired'
-43 'Dont know'.
ADD VALUE LABELS RT_Stat
-40 'Not asked: respondent never worked '
-41 'Not asked: respondent currently in paid employment'
-42 'Not asked: respondent currently in self-employment'
-43 'Dont know'.
ADD VALUE LABELS RT_Manage01
-40 'Not asked: respondent self-employed currently '
-41 'Not asked: respondent self-employed in last job'
-42 'Not asked: respondent never worked '
-43 'Refusal '
-44 'Dont know'.
ADD VALUE LABELS RT_Solo
-40 'Not asked: respondent in paid employment currently '
-41 'Not asked: respondent in paid employment in last job'
-42 'Not asked: respondent never worked '
-43 'Refusal '
-44 'Dont know'.
ADD VALUE LABELS RT_FTPT
-40 'Not asked: respondent never worked '
-41 'Dont know '.
ADD VALUE LABELS JD_ArtLSev
-513 'Not asked: No arthritis in left hand'
-515 'Not asked: Participant did not know if she/he had arthritis'.
ADD VALUE LABELS JD_ArtRSev
-514 'Not asked: No arthritis in right hand'
-515 'Not asked: Participant did not know if she/he had arthritis'.

ADD VALUE LABELS JD_DexSec
-500 'Not asked: No consent'
```

```
-501 'Not asked: Did not measure hands for reason other than
refusal'.
ADD VALUE LABELS JD_DexProb
-500 'Not asked: No consent'
-501 'Not asked: Did not measure hands for reason other than
refusal'.
ADD VALUE LABELS JD_DexTrem
-500 'Not asked: No consent'
-501 'Not asked: Did not measure hands for reason other than
refusal'.

ADD VALUE LABELS JD_DexSec2
-500 'Not asked: No consent'
-501 'Not asked: Did not measure hands for reason other than
refusal'
-8 'Dont know'.
ADD VALUE LABELS JD_DexProb2
-500 'Not asked: No consent'
-501 'Not asked: Did not measure hands for reason other than
refusal'.
ADD VALUE LABELS JD_DexTrem2
-500 'Not asked: No consent'
-501 'Not asked: Did not measure hands for reason other than
refusal'.
ADD VALUE LABELS JD_UPreg
-503 'Not asked: Participant is male'.
ADD VALUE LABELS JD_MMGsWCo
-504 'Not asked: Participant is pregnant'.
ADD VALUE LABELS JD_MMGSSta
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.

ADD VALUE LABELS JD_MMGSN1
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'.
ADD VALUE LABELS JD_MMGSD1
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'
-508 'Not asked: Particiant is unable to use dominant hand'.
ADD VALUE LABELS JD_MMGSN2
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
```

```
-507 'Not asked: Particiant is unable to use non-dominant hand'.
ADD VALUE LABELS JD_MMGSD2
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'
-508 'Not asked: Particiant is unable to use dominant hand'.
ADD VALUE LABELS JD_MMGPos
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'.

ADD VALUE LABELS JD_MMGSN3
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'.
ADD VALUE LABELS JD_MMGSD3
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'
-508 'Not asked: Particiant is unable to use dominant hand'.
ADD VALUE LABELS JD_MMGSN4
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'.
ADD VALUE LABELS JD_MMGSD4
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'
-507 'Not asked: Particiant is unable to use non-dominant hand'
-508 'Not asked: Particiant is unable to use dominant hand'.
ADD VALUE LABELS JD_MMGPos2
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'.
ADD VALUE LABELS JD_MMGSRes
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
```

```
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Particiant is unable to use either hand'.

ADD VALUE LABELS JD_MobRes
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
ADD VALUE LABELS JD_MobEasy
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-509 'Not asked: No buttons pressed'
-510 'Not asked: Problem encountered administering task'.

ADD VALUE LABELS JD_MobRes2
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
ADD VALUE LABELS JD_MobEasy2
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-509 'Not asked: No buttons pressed'
-510 'Not asked: Problem encountered administering task'.

ADD VALUE LABELS JD_MP3Res
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
ADD VALUE LABELS JD_MP3Easy
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-511 'Not asked: Task attempted but not completed'
-512 'Not asked: Task not attempted'.


ADD VALUE LABELS JD_USBRes
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'.
ADD VALUE LABELS JD_USBEasy
-500 'Not asked: No consent'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-511 'Not asked: Task attempted but not completed'
-512 'Not asked: Task not attempted'.



/*******************************************************
/*******************************************************
/***** end of Sam's code to sort out value labels for all negative
numbers
```

```
/*********************************************************
/*****************************************************



/**************************Start of Sam's code to sort out "I don't
have experience of that" within dexterity and mobility



/*Renamed and then merged   OpenN=SW_OpenN.
/*Renamed and then merged   Push=SW_Push.
/*Renamed and then merged   Lift=SW_Lift.
/*Renamed and then merged   Tying=SW_Tying.
/*Renamed and then merged   Pulling=SW_Pulling.
/*Renamed and then merged   Turning=SW_Turning.
/*Renamed and then merged   ChairW=SW_ChairW.
/*Renamed and then merged   ChairWO=SW_ChairWO.
/*Renamed and then merged   Plug=SW_Plug.



IF OpenN=5 SW_OpenN=-550.
IF Push=5 SW_Push=-550.
IF Lift=5 SW_Lift=-550.
IF Tying=5 SW_Tying=-550.
IF Pulling=5 SW_Pulling=-550.
IF Turning=5 SW_Turning=-550.
IF ChairW=5 SW_ChairW=-550.
IF ChairWO=5 SW_ChairWO=-550.
IF Plug=5 SW_Plug =-550.
ADD VALUE LABELS SW_OpenN SW_Push SW_Lift SW_Tying SW_Pulling
SW_Turning SW_ChairW SW_ChairWO SW_Plug
-550 'I dont have any experience of that' .
  EXECUTE.

FREQUENCIES VARIABLES= SW_OpenN SW_Push SW_Lift SW_Tying SW_Pulling
SW_Turning SW_ChairW SW_ChairWO SW_Plug
  /ORDER=ANALYSIS.




/****************************************** Joy's actions: 28/3/11
/* Hearing aid variables. Recodes the spontaneous response "Hearing
aid prescribed but not used"
/*********************************************************

IF (HearAid = 3) JD_HearAid = 1.
```

```
IF (HearAid ~=3) JD_HearAid = HearAid.

VARIABLE LABELS JD_HearAid 'Hearing Aid use: Do you own a hearing
aid?'.
ADD VALUE LABELS  JD_HearAid
-99 'Missing: No data'
-20 'Partially productive missing'
1 'Yes'
2 'No'.


IF (HearAid = 3) JD_HAidFreq = 4.
IF (HearAid ~= 3) JD_HAidFreq = RT_HAidFreq.
IF ((HearAid ~= 3) & (VALUE(RT_HAidFreq)=-30)) JD_HAidFreq = -30.

VARIABLE LABELS JD_HAidFreq 'Hearing Aid frequency: How often do you
wear your hearing aid?'.
ADD VALUE LABELS  JD_HAidFreq
-99 'Missing: No data'
-30 'Not asked: does not own a hearing aid'
-20 'Partially productive missing'
1 'Most of the time'
2 'Occasionally'
3 'Rarely'
4 'Never'.

EXECUTE.

/*check new variables are correct

FREQUENCIES VARIABLES= JD_HearAid
  /ORDER=ANALYSIS.
FREQUENCIES VARIABLES= JD_HAidFreq
  /ORDER=ANALYSIS.



/*set missing values for new derived variables
MISSING VALUES JD_HearAid
JD_HAidFreq
JL_Hears
JL_Hears_WNoise
sw_Openn sw_Push sw_Lift sw_Tying
sw_Pulling sw_Turning
JR_GSNCAv JR_GSDCAv JR_GSNCDF
JR_GSDCDF JR_GSNTAv JR_GSDTAv
JR_GSNTDF
    JR_GSDTDF
sw_ChairW sw_ChairWO sw_Plug
KR_SearchEfficiency JL_xnumscan JL_prosSuccess JL_litscore
JL_numscore
JD_Pref_LowPrice JD_Pref_Appearance JD_Pref_Durability
JD_Pref_EnvImpact
    JD_Pref_EaseUse JD_Pref_Quality JD_Pref_RangeFns
JR_xweight JR_xheight
```

```
JL_NHHighV1V2 JL_NHLowV1V2 JL_NHMedV1V2 JL_NoiseLV1V2 JL_NoiseMV1V2
    JL_NoiseHV1V2 JL_High_06 JL_Med_06 JL_Low_06 JL_Noise_Low_06
JL_Noise_Med_06 JL_Noise_High_06
 (-88888 thru -1).


/*Change coding of missing values based on information from strings
file (kai 30/05)
If Serial=11611 RT_CfLitB=-88.
If Serial=12406 RT_CfLitB=-88.
If Serial=12820 RT_CfLitB=-88.
Add value labels RT_CfLitB -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitB.

If Serial=11611 RT_CfLitC=-88.
If Serial=12406 RT_CfLitC=-88.
If Serial=12820 RT_CfLitC=-88.
Add value labels RT_CfLitC -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitC.

If Serial=11611 RT_CfLitE=-88.
If Serial=12406 RT_CfLitE=-88.
If Serial=12820 RT_CfLitE=-88.
Add value labels RT_CfLitE -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitE.

If Serial=10524 JD_MMGSSta=-88.
If Serial=11002 JD_MMGSSta=-88.
If Serial=11012 JD_MMGSSta=-88.
If Serial=12217 JD_MMGSSta=-88.
If Serial=12228 JD_MMGSSta=-88.
If Serial=12524 JD_MMGSSta=-88.
If Serial=12803 JD_MMGSSta=-88.
Add value labels JD_MMGSSta -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGSSta.



If Serial=10524 JD_MMGSN1=-88.
If Serial=11002 JD_MMGSN1=-88.
If Serial=11012 JD_MMGSN1=-88.
If Serial=12217 JD_MMGSN1=-88.
If Serial=12228 JD_MMGSN1=-88.
If Serial=12524 JD_MMGSN1=-88.
If Serial=12803 JD_MMGSN1=-88.
Add value labels JD_MMGSN1 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN1.

If Serial=10524 JD_MMGSD1=-88.
If Serial=11002 JD_MMGSD1=-88.
```

```
If Serial=11012 JD_MMGSD1=-88.
If Serial=12217 JD_MMGSD1=-88.
If Serial=12228 JD_MMGSD1=-88.
If Serial=12524 JD_MMGSD1=-88.
If Serial=12803 JD_MMGSD1=-88.
Add value labels JD_MMGSD1 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD1.

If Serial=10524 JD_MMGSN2=-88.
If Serial=11002 JD_MMGSN2=-88.
If Serial=11012 JD_MMGSN2=-88.
If Serial=12217 JD_MMGSN2=-88.
If Serial=12228 JD_MMGSN2=-88.
If Serial=12524 JD_MMGSN2=-88.
If Serial=12803 JD_MMGSN2=-88.
Add value labels JD_MMGSN2 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN2.

If Serial=10524 JD_MMGSD2=-88.
If Serial=11002 JD_MMGSD2=-88.
If Serial=11012 JD_MMGSD2=-88.
If Serial=12217 JD_MMGSD2=-88.
If Serial=12228 JD_MMGSD2=-88.
If Serial=12524 JD_MMGSD2=-88.
If Serial=12803 JD_MMGSD2=-88.
Add value labels JD_MMGSD2 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD2.

If Serial=10524 JD_MMGPos=-88.
If Serial=11002 JD_MMGPos=-88.
If Serial=11012 JD_MMGPos=-88.
If Serial=12217 JD_MMGPos=-88.
If Serial=12228 JD_MMGPos=-88.
If Serial=12524 JD_MMGPos=-88.
If Serial=12803 JD_MMGPos=-88.
Add value labels JD_MMGPos -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGPos.

If Serial=10524 JD_MMGSN3=-88.
If Serial=11002 JD_MMGSN3=-88.
If Serial=11012 JD_MMGSN3=-88.
If Serial=12217 JD_MMGSN3=-88.
If Serial=12228 JD_MMGSN3=-88.
If Serial=12524 JD_MMGSN3=-88.
If Serial=12803 JD_MMGSN3=-88.
Add value labels JD_MMGSN3 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN3.


If Serial=10524 JD_MMGSD3=-88.
```

```
If Serial=11002 JD_MMGSD3=-88.
If Serial=11012 JD_MMGSD3=-88.
If Serial=12217 JD_MMGSD3=-88.
If Serial=12228 JD_MMGSD3=-88.
If Serial=12524 JD_MMGSD3=-88.
If Serial=12803 JD_MMGSD3=-88.
Add value labels JD_MMGSD3 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD3.

If Serial=10524 JD_MMGSN4=-88.
If Serial=11002 JD_MMGSN4=-88.
If Serial=11012 JD_MMGSN4=-88.
If Serial=12217 JD_MMGSN4=-88.
If Serial=12228 JD_MMGSN4=-88.
If Serial=12524 JD_MMGSN4=-88.
If Serial=12803 JD_MMGSN4=-88.
Add value labels JD_MMGSN4 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN4.

If Serial=10524 JD_MMGSD4=-88.
If Serial=11002 JD_MMGSD4=-88.
If Serial=11012 JD_MMGSD4=-88.
If Serial=12217 JD_MMGSD4=-88.
If Serial=12228 JD_MMGSD4=-88.
If Serial=12524 JD_MMGSD4=-88.
If Serial=12803 JD_MMGSD4=-88.
Add value labels JD_MMGSD4 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD4.

If Serial=10524 JD_MMGPos2=-88.
If Serial=11002 JD_MMGPos2=-88.
If Serial=11012 JD_MMGPos2=-88.
If Serial=12217 JD_MMGPos2=-88.
If Serial=12228 JD_MMGPos2=-88.
If Serial=12524 JD_MMGPos2=-88.
If Serial=12803 JD_MMGPos2=-88.
Add value labels JD_MMGPos2 -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGPos2.


If Serial=10524 JD_MMGSRes=-88.
If Serial=11002 JD_MMGSRes=-88.
If Serial=11012 JD_MMGSRes=-88.
If Serial=12217 JD_MMGSRes=-88.
If Serial=12228 JD_MMGSRes=-88.
If Serial=12524 JD_MMGSRes=-88.
If Serial=12803 JD_MMGSRes=-88.
Add value labels JD_MMGSRes -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGSRes.
```

```
If Serial=11218 MobAids=-99.
Add value labels MobAids -99 'String file indicates person cannot go
outdoors'.
Frequencies MobAids.

IF Serial=10224 JD_DexSec=-88.
IF Serial=12803 JD_DexSec=-88.
Add value labels JD_DexSec -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexSec.


IF Serial=10224 JD_DexProb=-88.
IF Serial=12803 JD_DexProb=-88.
Add value labels JD_DexProb -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexProb.


IF Serial=10224 JD_DexTrem=-88.
IF Serial=12803 JD_DexTrem=-88.
Add value labels JD_DexTrem -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexTrem.


IF Serial=10224 JD_DexSec2=-88.
IF Serial=12803 JD_DexSec2=-88.
Add value labels JD_DexSec2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexSec2.


IF Serial=10224 JD_DexProb2=-88.
IF Serial=12803 JD_DexProb2=-88.
Add value labels JD_DexProb2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexProb2.


IF Serial=10224 JD_DexTrem2=-88.
IF Serial=12803 JD_DexTrem2=-88.
Add value labels JD_DexTrem2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexTrem2.

IF Serial=10224 JD_MobRes=-88.
IF Serial=12313 JD_MobRes=-88.
IF Serial=12515 JD_MobRes=-88.
if serial=12504 JD_MobRes=-99.
IF SERIAL=12002 jd_mobres=3.
/*string file indicated task failure

Add value labels JD_MobRes
-88 'String file indicates inability to use mobile'
```

```
-99 'string file indicates flat battery (previously coded as problem
administering)'.
Frequencies JD_MobRes.

IF Serial=10224 JD_MobEasy=-88.
IF Serial=12313 JD_MobEasy=-88.
IF Serial=12515 JD_MobEasy=-88.
if serial=12504 jd_mobeasy=-99.
if serial=12002 JD_MobEasy=-509.
/*string file indicated task failure

Add value labels JD_MobEasy -88 'String file indicates inability to
use mobile'
-99 'string file indicates flat battery (previously coded as problem
administering)'.
Frequencies JD_MobEasy.

IF Serial=10224 JD_MobRes2=-88.
IF Serial=12313 JD_MobRes2=-88.
IF Serial=12515 JD_MobRes2=-88.
if serial=12504 jd_mobres2=-99.
if serial=10912 jd_mobres2=-99.
Add value labels JD_MobRes2 -88 'String file indicates inability to
use mobile'
-99 'string file indicates flat battery / interviewer error
(previously coded as problem administering)'.
Frequencies JD_MobRes2.


IF Serial=10224 JD_MobEasy2=-88.
IF Serial=12313 JD_MobEasy2=-88.
IF Serial=12515 JD_MobEasy2=-88.
if serial=12504 jd_mobEASY2=-99.
if serial=10912 jd_mobeasy2=-99.
Add value labels JD_MobEasy2 -88 'String file indicates inability to
use mobile'
-99 'string file indicates flat battery / interviewer error
(previously coded as problem administering)'.
Frequencies JD_MobEasy2.

IF (Serial=10224 or Serial=12313 or serial=12515) jd_mp3res=-88.
Add value labels jd_mp3res -88 'String file indicates inability to
use mobile'.
Frequencies jd_mp3res.


IF (Serial=10224 or Serial=12313 or serial=12515) jd_mp3easy=-88.
Add value labels jd_mp3easy -88 'String file indicates inability to
use mobile'.
Frequencies jd_mp3easy.



IF (Serial=10224 or Serial=12313 or serial=12515) jd_usbres=-88.
```

```
Add value labels jd_usbres -88 'String file indicates inability to
use mobile'.
Frequencies jd_usbres.

IF (Serial=10224 or Serial=12313 or serial=12515) jd_usbeasy=-88.
Add value labels jd_usbeasy -88 'String file indicates inability to
use mobile'.
Frequencies jd_usbeasy.



/*start of Sam's recoding of vision variables based on strings file

if Serial=12820 SW_NearVis3=-89.
Add value labels SW_NearVis3 -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies SW_NearVis3.

if Serial=12820 sw_nearvisd=-89.
Add value labels sw_nearvisd -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies sw_nearvisd.

if Serial=12820 sw_nverror=-89.
Add value labels sw_nverror -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies sw_nverror.



if Serial=12820 JD_NV_ThresMaj_Corrected_Row=-89.
Add value labels JD_NV_ThresMaj_Corrected_Row -89 'test not
performed: string file indicates self-reported dyslexia'.
Frequencies JD_NV_ThresMaj_Corrected_Row.

if Serial=12820 SW_disNVHCmajth=-89.
Add value labels SW_disNVHCmajth -89 'test not performed: string
file indicates self-reported dyslexia'.
Frequencies SW_disNVHCmajth.


if Serial=12820 SW_LowVis2=-89.
Add value labels SW_LowVis2 -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies SW_LowVis2.

if Serial=12820 SW_LowVisD=-89.
Add value labels SW_LowVisD -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies SW_LowVisD.

if Serial=12820 SW_LVError=-89.
Add value labels SW_LVError -89 'test not performed: string file
indicates self-reported dyslexia'.
Frequencies SW_LVError.
```

```
if cfprom=5 rt_cfmem=-88.
if cfprom=5 rt_cfmemS=-88.

add value labels rt_cfmem rt_cfmemS -88 'test not performed:string
file indicates do not feel up to it'.

Frequencies rt_cfmem.
Frequencies rt_cfmemS.



/*****************************************************************
*********************
/*********************************  Age in categories
******************************
/*****************************************************************
*********************

IF (JR_RespAge<20) JD_AgeCategory = 1.
IF ((JR_RespAge>=40) & (JR_RespAge<45)) JD_AgeCategory = 6.
IF ((JR_RespAge>=45) & (JR_RespAge<50)) JD_AgeCategory = 7.
IF ((JR_RespAge>=50) & (JR_RespAge<55)) JD_AgeCategory = 8.
IF ((JR_RespAge>=55) & (JR_RespAge<60)) JD_AgeCategory = 9.
IF ((JR_RespAge>=60) & (JR_RespAge<65)) JD_AgeCategory = 10..
IF ((JR_RespAge>=20) & (JR_RespAge<25)) JD_AgeCategory = 2.
IF ((JR_RespAge>=25) & (JR_RespAge<30)) JD_AgeCategory = 3.
IF ((JR_RespAge>=30) & (JR_RespAge<35)) JD_AgeCategory = 4.
IF ((JR_RespAge>=35) & (JR_RespAge<40)) JD_AgeCategory = 5.
IF ((JR_RespAge>=65) & (JR_RespAge<70)) JD_AgeCategory = 11.
IF ((JR_RespAge>=70) & (JR_RespAge<75)) JD_AgeCategory = 12.
IF ((JR_RespAge>=75) & (JR_RespAge<80)) JD_AgeCategory = 13.
IF ((JR_RespAge>=80) & (JR_RespAge<85)) JD_AgeCategory = 14.
IF ((JR_RespAge>=85) & (JR_RespAge<90)) JD_AgeCategory = 15.
IF (JR_RespAge>=90) JD_AgeCategory = 16.

VARIABLE LABELS  JD_AgeCategory
  'Age of respondent in 5 year age bands'.

ADD VALUE LABELS JD_AgeCategory
1 '16-19'
2 '20-24'
3 '25-29'
4 '30-34'
5 '35-39'
6 '40-44'
7 '45-49'
8 '50-54'
9 '55-59'
10 '60-64'
11 '65-69'
12 '70-74'
```

```
13 '75-79'
14 '80-84'
15 '85-89'
16 '90+'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_AgeCategory
  /ORDER=ANALYSIS.




IF (JR_RespAge<25) SW_AgeCategory10 = 1.
IF ((JR_RespAge>=25) & (JR_RespAge<35)) SW_AgeCategory10 = 2.
IF ((JR_RespAge>=35) & (JR_RespAge<45)) SW_AgeCategory10 = 3.
IF ((JR_RespAge>=45) & (JR_RespAge<55)) SW_AgeCategory10 = 4.
IF ((JR_RespAge>=55) & (JR_RespAge<65)) SW_AgeCategory10 = 5.
IF ((JR_RespAge>=65) & (JR_RespAge<75)) SW_AgeCategory10 = 6.
IF (JR_RespAge>=75) SW_AgeCategory10 = 7.


VARIABLE LABELS  SW_AgeCategory10
  'Age of respondent in 10 year age bands'.

ADD VALUE LABELS SW_AgeCategory10
1 '16-24'
2 '25-34'
3 '35-44'
4 '45-54'
5 '55-64'
6 '65-74'
7 '75+'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= SW_AgeCategory10
  /ORDER=ANALYSIS.



FREQUENCIES VARIABLES= JD_AgeCategory
  /ORDER=ANALYSIS.




IF (JR_RespAge<50) SW_Age50 = 1.
IF (JR_RespAge>=50) SW_Age50 = 2.


VARIABLE LABELS  SW_Age50
  '50 plus binary age'.
```

```
ADD VALUE LABELS SW_Age50
1 'under 50'
2 '50 or over'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= SW_Age50
  /ORDER=ANALYSIS.




IF (JR_RespAge<25) SW_AgeCategory10 = 1.
IF ((JR_RespAge>=25) & (JR_RespAge<35)) SW_AgeCategory10 = 2.
IF ((JR_RespAge>=35) & (JR_RespAge<45)) SW_AgeCategory10 = 3.
IF ((JR_RespAge>=45) & (JR_RespAge<55)) SW_AgeCategory10 = 4.
IF ((JR_RespAge>=55) & (JR_RespAge<65)) SW_AgeCategory10 = 5.
IF ((JR_RespAge>=65) & (JR_RespAge<75)) SW_AgeCategory10 = 6.
IF (JR_RespAge>=75) SW_AgeCategory10 = 7.


VARIABLE LABELS  SW_AgeCategory10
  'Age of respondent in 10 year age bands'.

ADD VALUE LABELS SW_AgeCategory10
1 '16-24'
2 '25-34'
3 '35-44'
4 '45-54'
5 '55-64'
6 '65-74'
7 '75+'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= SW_AgeCategory10
  /ORDER=ANALYSIS.



RECODE
  JR_RespAge
  (16 thru 34=1)  (35 thru 49=2)  (50 thru 64=3)  (65 thru
Highest=4)  INTO
  KR_AgeByGroup.
Add value labels KR_AgeByGroup
1 '16-34'
2 '35-49'
3 '50-64'
```

```
4 '65+'.
VARIABLE LABELS KR_AgeByGroup 'Age groups of 16-34, 35-49, 50-64,
65+'.
EXECUTE.

FREQUENCIES VARIABLES= KR_AgeByGroup
  /ORDER=ANALYSIS.


/*****************************************************************
********************
/**********************  Vision Aggregate Variables
*******************************
/****************************** JD: 6 June 2011
************************************
/*****************************************************************
********************

/* ************************* Near Vision Comfort variables
***************************

/* Near vision High [70%] contrast majority of the day setup.
RECODE SW_NearVis3 (0=9.2) (1=7.4) (2=5.9) (3=4.7) (4=3.7) (5=2.9)
(6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-89=-89) (-19=-19) (-
20=-20)
   (MISSING=-99) INTO JD_NVHighComfMaj.
VARIABLE LABELS  JD_NVHighComfMaj
  'Near Vision Comfort (High [70%] contrast) Majority of day setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVHighComfMaj
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighComfMaj
  /ORDER=ANALYSIS.


/* Near vision Low [30%] contrast majority of the day setup.
RECODE SW_LowVis2 (0=9.2) (1=7.4) (2=5.9) (3=4.7) (4=3.7) (5=2.9)
(6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-89=-89) (-19=-19) (-
20=-20)
   (MISSING=-99) INTO JD_NVLowComfMaj.
VARIABLE LABELS  JD_NVLowComfMaj
  'Near Vision Comfort (Low [30%] contrast) Majority of day setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVLowComfMaj
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
```

```
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVLowComfMaj
  /ORDER=ANALYSIS.


/* Near vision High [70%] contrast reading aid setup.
RECODE SW_ReadVis3 (0=9.2) (1=7.4) (2=5.9) (3=4.7) (4=3.7) (5=2.9)
(6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-27=-27) (-28=-28) (-
29=-29) (-200=-200) (-20=-20)
   INTO JD_NVHighComfAid.
VARIABLE LABELS  JD_NVHighComfAid
  'Near Vision Comfort (High [70%] contrast) Reading aid setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVHighComfAid
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighComfAid
  /ORDER=ANALYSIS.


/* Near vision Low [30%] contrast reading aid setup.
RECODE SW_LRedVis2 (0=9.2) (1=7.4) (2=5.9) (3=4.7) (4=3.7) (5=2.9)
(6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-27=-27) (-28=-28) (-
29=-29) (-200=-200) (-20=-20)
   INTO JD_NVLowComfAid.
VARIABLE LABELS  JD_NVLowComfAid
  'Near Vision Comfort (Low [30%] contrast) Reading aid setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVLowComfAid
-27 'Not asked: does not use alternative setup for reading'
-28 'Not asked: refused reading vision aid test'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part for another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVLowComfAid
  /ORDER=ANALYSIS.


/* Near vision High [70%] contrast best available setup.
COMPUTE JD_NVHighComfBest = value(JD_NVHighComfMaj).
```

```
IF ((JD_NVHighComfAid>0) & (JD_NVHighComfAid < JD_NVHighComfMaj))
JD_NVHighComfBest = JD_NVHighComfAid.
VARIABLE LABELS  JD_NVHighComfBest
  'Near Vision Comfort (High [70%] contrast) Best available setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVHighComfBest
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighComfBest
  /ORDER=ANALYSIS.


/* Near vision Low [30%] contrast best available setup.
COMPUTE JD_NVLowComfBest = value(JD_NVLowComfMaj).
IF ((JD_NVLowComfAid>0) & (JD_NVLowComfAid < JD_NVLowComfMaj))
JD_NVLowComfBest = JD_NVLowComfAid.
VARIABLE LABELS  JD_NVLowComfBest
  'Near Vision Comfort (Low [30%] contrast) Best available setup:
Letter size (mm) of the comfort row'.
ADD VALUE LABELS JD_NVLowComfBest
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVLowComfBest
  /ORDER=ANALYSIS.


/* ************************ Distance Vision Comfort variables
*************************


/* Distance vision majority of the day setup: x-height.
RECODE SW_DisVis4 (0=17.4) (1=13.8) (2=11.1) (3=8.7) (4=6.9) (5=5.5)
(6=4.4)(7=3.5)
   (8=2.8)(9=2.2) (-201=-201) (-202=-202) (-203=-203)
   (MISSING=-99) INTO JD_DVComfMaj.
VARIABLE LABELS  JD_DVComfMaj
  'Distance Vision Comfort Majority of day setup: Letter size (mm)
of the comfort row'.
ADD VALUE LABELS JD_DVComfMaj
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
```

```
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfMaj
  /ORDER=ANALYSIS.


/* Distance vision majority of the day setup: 6/X.
RECODE SW_DisVis4 (0=24) (1=19.2) (2=15) (3=12) (4=9.6) (5=7.5)
(6=6)(7=4.8)
   (8=3.9)(9=3) (-201=-201) (-202=-202) (-203=-203)
   (MISSING=-99) INTO JD_DVComfMaj6X.
VARIABLE LABELS  JD_DVComfMaj6X
  'Distance Vision Comfort Majority of day setup: Equivalent Snellen
6/X value for the comfort row'.
ADD VALUE LABELS JD_DVComfMaj6X
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfMaj6X
  /ORDER=ANALYSIS.


/* Distance vision majority of the day setup: LogMAR.
RECODE SW_DisVis4 (0=0.6) (1=0.5) (2=0.4) (3=0.3) (4=0.2) (5=0.1)
(6=0)(7=-0.1)
   (8=-0.2)(9=-0.3) (-201=-201) (-202=-202) (-203=-203)
   (MISSING=-99) INTO JD_DVComfMajLogMar.
VARIABLE LABELS  JD_DVComfMajLogMar
  'Distance Vision Comfort Majority of day setup: LogMAR for the
comfort row'.
ADD VALUE LABELS JD_DVComfMajLogMar
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfMajLogMar
  /ORDER=ANALYSIS.


/* *****
/* Distance vision distance aid setup: x-height.
RECODE SW_DGLs3 (0=17.4) (1=13.8) (2=11.1) (3=8.7) (4=6.9) (5=5.5)
(6=4.4)(7=3.5)
   (8=2.8)(9=2.2) (-209=-209) (-210=-210) (-211=-211) (-212=-212)
   (MISSING=-99) INTO JD_DVComfAid.
VARIABLE LABELS  JD_DVComfAid
```

```
  'Distance Vision Comfort Aid setup: Letter size (mm) of the
comfort row'.
ADD VALUE LABELS JD_DVComfAid
-209 'Not asked: does not use a different setup for seeing things at
a distance'
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfAid
  /ORDER=ANALYSIS.


/* Distance vision distance aid setup: 6/X.
RECODE SW_DGLs3 (0=24) (1=19.2) (2=15) (3=12) (4=9.6) (5=7.5)
(6=6)(7=4.8)
   (8=3.9)(9=3) (-209=-209) (-210=-210) (-211=-211) (-212=-212)
   (MISSING=-99) INTO JD_DVComfAid6X.
VARIABLE LABELS  JD_DVComfAid6X
  'Distance Vision Comfort Aid setup: Equivalent Snellen 6/X value
for the comfort row'.
ADD VALUE LABELS JD_DVComfAid6X
-209 'Not asked: does not use a different setup for seeing things at
a distance'
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfAid6X
  /ORDER=ANALYSIS.


/* Distance vision distance aid setup: LogMAR.
RECODE SW_DGLs3 (0=0.6) (1=0.5) (2=0.4) (3=0.3) (4=0.2) (5=0.1)
(6=0)(7=-0.1)
   (8=-0.2)(9=-0.3) (-209=-209) (-210=-210) (-211=-211) (-212=-212)
   (MISSING=-99) INTO JD_DVComfAidLogMar.
VARIABLE LABELS  JD_DVComfAidLogMar
  'Distance Vision Comfort Aid setup: LogMAR value for the comfort
row'.
ADD VALUE LABELS JD_DVComfAidLogMar
-209 'Not asked: does not use a different setup for seeing things at
a distance'
-210 'Not asked: refused distance vision aid test'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part for another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.
```

```
FREQUENCIES VARIABLES= JD_DVComfAidLogMar
  /ORDER=ANALYSIS.


/* *****
/* Distance vision best available setu: x-height.
COMPUTE JD_DVComfBest = value(JD_DVComfMaj).
IF ((JD_DVComfAid>0) & (JD_DVComfAid < JD_DVComfMaj)) JD_DVComfBest
= JD_DVComfAid.
VARIABLE LABELS  JD_DVComfBest
  'Distance Vision Comfort Best available setup: Letter size (mm) of
the comfort row'.
ADD VALUE LABELS JD_DVComfBest
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfBest
  /ORDER=ANALYSIS.


/* Distance vision best available setup: 6/X.
COMPUTE JD_DVComfBest6X = value(JD_DVComfMaj6X).
IF ((JD_DVComfAid6X>0) & (JD_DVComfAid6X < JD_DVComfMaj6X))
JD_DVComfBest6X = JD_DVComfAid6X.
VARIABLE LABELS  JD_DVComfBest6X
  'Distance Vision Comfort Best available setup:  Equivalent Snellen
6/X value for the comfort row'.
ADD VALUE LABELS JD_DVComfBest6X
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfBest6X
  /ORDER=ANALYSIS.


/* Distance vision best available setup: LogMAR.
COMPUTE JD_DVComfBestLogMar = value(JD_DVComfMajLogMar).
IF ((JD_DVComfAidLogMar>-0.5) & (JD_DVComfAidLogMar <
JD_DVComfMajLogMar)) JD_DVComfBestLogMar = JD_DVComfAidLogMar.
VARIABLE LABELS  JD_DVComfBestLogMar
  'Distance Vision Comfort Best available setup: LogMAR value for
the comfort row'.
ADD VALUE LABELS JD_DVComfBestLogMar
-201 'Not asked: Not enough space for distance test'
```

```
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfBestLogMar
  /ORDER=ANALYSIS.

/* *****
/* Distance vision general setup: aid if they did the distance aid
test, majority setup if they didn't.
/* x-height.
COMPUTE JD_DVComfGen = value(JD_DVComfMaj).
IF (JD_DVComfAid > 0) JD_DVComfGen = JD_DVComfAid.
VARIABLE LABELS  JD_DVComfGen
  'Distance Vision Comfort General setup (aid if they use an aid,
majority setup if they do not): Letter size (mm) of the comfort
row'.
ADD VALUE LABELS JD_DVComfGen
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part in distance aid test for
another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfGen
  /ORDER=ANALYSIS.


/* Distance vision general setup: aid if they did the distance aid
test, majority setup if they didn't.
/* 6/X.
COMPUTE JD_DVComfGen6X = value(JD_DVComfMaj6X).
IF (JD_DVComfAid6X > 0) JD_DVComfGen6X = JD_DVComfAid6X.
VARIABLE LABELS  JD_DVComfGen6X
  'Distance Vision Comfort General setup (aid if they use an aid,
majority setup if they do not): Equivalent Snellen 6/X value for the
comfort row'.
ADD VALUE LABELS JD_DVComfGen6X
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part in distance aid test for
another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
```

```
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfGen6X
  /ORDER=ANALYSIS.


/* Distance vision general setup: aid if they did the distance aid
test, majority setup if they didn't.
/* LogMAR.
COMPUTE JD_DVComfGenLogMar = value(JD_DVComfMajLogMar).
IF (JD_DVComfAidLogMar > -0.5) JD_DVComfGenLogMar =
JD_DVComfAidLogMar.
VARIABLE LABELS  JD_DVComfGenLogMar
  'Distance Vision Comfort General setup (aid if they use an aid,
majority setup if they do not): LogMAR value for the comfort row'.
ADD VALUE LABELS JD_DVComfGenLogMar
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-211 'Not asked: does not have distance vision aid to hand'
-212 'Not asked: unable to take part in distance aid test for
another reason'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfGenLogMar
  /ORDER=ANALYSIS.

/* ********************************Threshold variables
**********************************
/* Near vision High [70%] contrast majority of the day setup.
RECODE JD_NV_ThresMaj_Corrected_Row (0=9.2) (1=7.4) (2=5.9) (3=4.7)
(4=3.7) (5=2.9) (6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-8=-8) (-19=-19) (-
250=-250) (-251=-251) (-252=-252)(-253=-253)
   (-89=-89) (MISSING=-99) INTO JD_NVHighThresMaj.
VARIABLE LABELS  JD_NVHighThresMaj
  'Near Vision Threshold (High [70%] contrast) Majority of day
setup: Letter size (mm) of smallest row read correctly'.
ADD VALUE LABELS JD_NVHighThresMaj
-8 'Do not know'
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.
```

```
FREQUENCIES VARIABLES= JD_NVHighThresMaj
  /ORDER=ANALYSIS.


/* Near vision High [70%] contrast reading aid setup.
RECODE JD_NV_ThresAid_Corrected_Row (0=9.2) (1=7.4) (2=5.9) (3=4.7)
(4=3.7) (5=2.9) (6=2.3)(7=1.8)
   (8=1.45)(9=1.2)(10=1.0)(11=0.8) (12=0.6) (-8=-8) (-19=-19) (-27=-
27) (-29=-29)(-200=-200)
   (-250=-250) (-251=-251) (-252=-252)(-253=-253) (-89=-89)
(MISSING=-99) INTO JD_NVHighThresAid.
VARIABLE LABELS  JD_NVHighThresAid
  'Near Vision Threshold (High [70%] contrast) Reading aid setup:
Letter size (mm) of smallest row read correctly'.
ADD VALUE LABELS JD_NVHighThresAid
-8 'Do not know'
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-27 'Not asked: does not use alternative setup for reading'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part in vision aid test for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighThresAid
  /ORDER=ANALYSIS.



/* Near vision High [70%] contrast best available setup.
COMPUTE JD_NVHighThresBest = value(JD_NVHighThresMaj).
IF ((JD_NVHighThresAid>0) & (JD_NVHighThresAid < JD_NVHighThresMaj))
JD_NVHighThresBest = JD_NVHighThresAid.
VARIABLE LABELS  JD_NVHighThresBest
  'Near Vision Threshold (High [70%] contrast) Best available setup:
Letter size (mm) of smallest row read correctly'.
ADD VALUE LABELS JD_NVHighThresBest
-8 'Do not know'
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-27 'Not asked: does not use alternative setup for reading'
-29 'Not asked: does not have vision aid to hand'
-200 'Not asked: unable to take part in vision aid test for another
reason'
```

```
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighThresBest
  /ORDER=ANALYSIS.


/* *****
/* Distance vision threshold. General setup.
RECODE JD_DV_Thres_Corrected_Row (0=17.4) (1=13.8) (2=11.1) (3=8.7)
(4=6.9)
   (5=5.5) (6=4.4)(7=3.5) (8=2.8)(9=2.2) (-201=-201) (-202=-202) (-
203=-203)
   (-250=-250) (-251=-251) (-252=-252) (-253=-253)
   (MISSING=-99) INTO JD_DVHighThres.
VARIABLE LABELS  JD_DVHighThres
  'Distance Vision Threshold. General setup (Distance aid if they
did the distance aid test, majority setup otherwise): Letter size
(mm) of smallest row read correctly'.
ADD VALUE LABELS JD_DVHighThres
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVHighThres
  /ORDER=ANALYSIS.


/* Distance vision threshold. General setup: 6/X

RECODE JD_DV_Thres_Corrected_Row (0=24) (1=19.2) (2=15) (3=12)
(4=9.6) (5=7.5) (6=6)(7=4.8)
   (8=3.9)(9=3) (-201=-201) (-202=-202) (-203=-203)
   (-250=-250) (-251=-251) (-252=-252) (-253=-253)
   (MISSING=-99) INTO JD_DVHighThres6X.
VARIABLE LABELS  JD_DVHighThres6X
```

```
  'Distance Vision Threshold. General setup (Distance aid if they
did the distance aid test, majority setup otherwise): Equivalent
Snellen 6/X value for the smallest row read correctly'.
ADD VALUE LABELS JD_DVHighThres6X
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVHighThres6X
  /ORDER=ANALYSIS.


/* Distance vision threshold. General setup: LogMAR

RECODE JD_DV_Thres_Corrected_Row(0=0.6) (1=0.5) (2=0.4) (3=0.3)
(4=0.2) (5=0.1) (6=0)(7=-0.1)
   (8=-0.2)(9=-0.3) (-201=-201) (-202=-202) (-203=-203)
   (-250=-250) (-251=-251) (-252=-252) (-253=-253)
   (MISSING=-99) INTO JD_DVHighThresLogMar.
VARIABLE LABELS  JD_DVHighThresLogMar
  'Distance Vision Threshold. General setup (Distance aid if they
did the distance aid test, majority setup otherwise): LogMAR value
for the smallest row read correctly'.
ADD VALUE LABELS JD_DVHighThresLogMar
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVHighThresLogMar
  /ORDER=ANALYSIS.
```

```
/* ********************Distance at which participant held the chart
**********************

/* Near vision High [70%] contrast Comfort Best available setup.
Distance.
COMPUTE JD_NVHighComfBestD = value(SW_NearVisD).
IF ((JD_NVHighComfAid>0) & (JD_NVHighComfAid < JD_NVHighComfMaj))
JD_NVHighComfBestD = SW_ReadVisD.
VARIABLE LABELS  JD_NVHighComfBestD
   'Near Vision Comfort (High [70%] contrast) Best available setup:
Approximate viewing distance'.
ADD VALUE LABELS JD_NVHighComfBestD
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Extremely close to nose'
2 'Arm outstretched as far as possible'
3 'Somewhere in between (normal)'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighComfBestD
   /ORDER=ANALYSIS.




/* Near vision Low [30%] contrast Comfort Best available setup.
Distance.
COMPUTE JD_NVLowComfBestD = value(SW_LowVisD).
IF ((JD_NVLowComfAid>0) & (JD_NVLowComfAid < JD_NVLowComfMaj))
JD_NVLowComfBestD = SW_LRedVisD.
VARIABLE LABELS  JD_NVLowComfBestD
   'Near Vision Comfort (Low [30%] contrast) Best available setup:
Approximate viewing distance'.
ADD VALUE LABELS JD_NVLowComfBestD
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Extremely close to nose'
2 'Arm outstretched as far as possible'
3 'Somewhere in between (normal)'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVLowComfBestD
   /ORDER=ANALYSIS.
```

```
/* Near vision High [70%] contrast Threshold Best available setup.
Distance.
COMPUTE JD_NVHighThresBestD = value(SW_disNVHCmajth).
IF ((JD_NVHighThresAid>0) & (JD_NVHighThresAid < JD_NVHighThresMaj))
JD_NVHighThresBestD = SW_disNVHCaidth.
VARIABLE LABELS  JD_NVHighThresBestD
 'Near Vision Threshold (High [70%] contrast) Best available setup:
Approximate viewing distance'.
ADD VALUE LABELS JD_NVHighThresBestD
-8 'Do not know'
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-26 'Not asked: Letter test coded do not know'
-200 'Not asked: unable to take part in vision aid test for another
reason'
-250 'Interviewer sent participant wrong way up/down vision chart'
-251 'Recording booklet missing and SPSS data inconsistent'
-252 'Unable to reconstruct data from booklet and original SPSS
file'
-253 'Interviewer terminated vision test when participant made 1
error instead of 2'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Extremely close to nose'
2 'Arm outstretched as far as possible'
3 'Somewhere in between (normal)'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighThresBestD
   /ORDER=ANALYSIS.




/* ******************Whether participant read comfort row correctly
********************

/* Near vision High [70%] contrast Comfort Best available setup. Was
comfort row read correctly.
COMPUTE JD_NVHighComfBest_Error = value(SW_NVError).
IF ((JD_NVHighComfAid>0) & (JD_NVHighComfAid < JD_NVHighComfMaj))
JD_NVHighComfBest_Error = SW_RVError.
VARIABLE LABELS  JD_NVHighComfBest_Error
   'Near Vision Comfort (High [70%] contrast) Best available setup:
Was comfort row read correctly?'.
ADD VALUE LABELS JD_NVHighComfBest_Error
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-20 'Partially productive missing'
-99 'Missing: Other reason'
```

```
1 'Correct: Respondent made one error, or no errors'
2 'Incorrect: Respondent made 2 or more errors'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVHighComfBest_Error
   /ORDER=ANALYSIS.


/* Near vision Low [30%] contrast Comfort Best available setup. Was
comfort row read correctly.
COMPUTE JD_NVLowComfBest_Error = value(SW_LVError).
IF ((JD_NVLowComfAid>0) & (JD_NVLowComfAid < JD_NVLowComfMaj))
JD_NVLowComfBest_Error = SW_LRError.
VARIABLE LABELS  JD_NVLowComfBest_Error
   'Near Vision Comfort (Low [30%] contrast) Best available setup:
Was comfort row read correctly?'.
ADD VALUE LABELS JD_NVLowComfBest_Error
-89 'Test not performed: string file indicates self-reported
dyslexia'
-19 'Not asked: no consent'
-21 'Not asked: Did not even try to read largest row on comfort
test'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Correct: Respondent made one error, or no errors'
2 'Incorrect: Respondent made 2 or more errors'.
EXECUTE.

FREQUENCIES VARIABLES= JD_NVLowComfBest_Error
   /ORDER=ANALYSIS.


/* Distance vision Comfort Best available setup: Was comfort row
read correctly.
COMPUTE JD_DVComfBest_Error = value(SW_DVError).
IF ((JD_DVComfAid>0) & (JD_DVComfAid < JD_DVComfMaj))
JD_DVComfBest_Error = SW_DGError.
VARIABLE LABELS  JD_DVComfBest_Error
   'Distance Vision Comfort Best available setup: Was comfort row
read correctly?'.
ADD VALUE LABELS JD_DVComfBest_Error
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-204 'Not asked: Did not even try to read largest row on comfort
test'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Correct: Respondent made one error, or no errors'
2 'Incorrect: Respondent made 2 or more errors'.
EXECUTE.

FREQUENCIES VARIABLES= JD_DVComfBest_Error
   /ORDER=ANALYSIS.
```

```
MISSING VALUES JD_NVHighComfMaj JD_NVLowComfMaj JD_NVHighComfAid
JD_NVLowComfAid
    JD_NVHighComfBest JD_NVLowComfBest JD_DVComfMaj JD_DVComfMaj6X
JD_DVComfMajLogMar JD_DVComfAid
    JD_DVComfAid6X JD_DVComfAidLogMar JD_DVComfBest JD_DVComfBest6X
JD_DVComfBestLogMar JD_DVComfGen
    JD_DVComfGen6X JD_DVComfGenLogMar JD_NVHighThresMaj
JD_NVHighThresAid JD_NVHighThresBest
    JD_DVHighThres JD_DVHighThres6X JD_DVHighThresLogMar
JD_NVHighComfBestD JD_NVLowComfBestD
    JD_NVHighThresBestD JD_NVHighComfBest_Error
JD_NVLowComfBest_Error JD_DVComfBest_Error
(-88888 thru -1).


******************** end of Joy actions June 08


************************************************************************
************************************************************************
************************************************************************
/*Kai actions to sort out missing values


If Serial=11611 RT_CfLitB=-88.
If Serial=12406 RT_CfLitB=-88.
If Serial=12820 RT_CfLitB=-88.
Add value labels RT_CfLitB -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitB.

If Serial=11611 RT_CfLitC=-88.
If Serial=12406 RT_CfLitC=-88.
If Serial=12820 RT_CfLitC=-88.
Add value labels RT_CfLitC -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitC.

If Serial=11611 RT_CfLitE=-88.
If Serial=12406 RT_CfLitE=-88.
If Serial=12820 RT_CfLitE=-88.
```

```
Add value labels RT_CfLitE -88 'String file indicates suspected
reading impairment'.
Frequencies RT_CfLitE.

If Serial=10524 JD_MMGSSta=-88.
If Serial=11002 JD_MMGSSta=-88.
If Serial=11012 JD_MMGSSta=-88.
If Serial=12217 JD_MMGSSta=-88.
If Serial=12228 JD_MMGSSta=-88.
If Serial=12524 JD_MMGSSta=-88.
If Serial=12803 JD_MMGSSta=-88.
Add value labels JD_MMGSSta -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGSSta.



If Serial=10524 JD_MMGSN1=-88.
If Serial=11002 JD_MMGSN1=-88.
If Serial=11012 JD_MMGSN1=-88.
If Serial=12217 JD_MMGSN1=-88.
If Serial=12228 JD_MMGSN1=-88.
If Serial=12524 JD_MMGSN1=-88.
If Serial=12803 JD_MMGSN1=-88.
Add value labels JD_MMGSN1 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN1.

If Serial=10524 JD_MMGSD1=-88.
If Serial=11002 JD_MMGSD1=-88.
If Serial=11012 JD_MMGSD1=-88.
If Serial=12217 JD_MMGSD1=-88.
If Serial=12228 JD_MMGSD1=-88.
If Serial=12524 JD_MMGSD1=-88.
If Serial=12803 JD_MMGSD1=-88.
Add value labels JD_MMGSD1 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD1.

If Serial=10524 JD_MMGSN2=-88.
If Serial=11002 JD_MMGSN2=-88.
If Serial=11012 JD_MMGSN2=-88.
If Serial=12217 JD_MMGSN2=-88.
If Serial=12228 JD_MMGSN2=-88.
If Serial=12524 JD_MMGSN2=-88.
If Serial=12803 JD_MMGSN2=-88.
Add value labels JD_MMGSN2 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN2.

If Serial=10524 JD_MMGSD2=-88.
If Serial=11002 JD_MMGSD2=-88.
If Serial=11012 JD_MMGSD2=-88.
If Serial=12217 JD_MMGSD2=-88.
If Serial=12228 JD_MMGSD2=-88.
```

```
If Serial=12524 JD_MMGSD2=-88.
If Serial=12803 JD_MMGSD2=-88.
Add value labels JD_MMGSD2 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD2.

If Serial=10524 JD_MMGPos=-88.
If Serial=11002 JD_MMGPos=-88.
If Serial=11012 JD_MMGPos=-88.
If Serial=12217 JD_MMGPos=-88.
If Serial=12228 JD_MMGPos=-88.
If Serial=12524 JD_MMGPos=-88.
If Serial=12803 JD_MMGPos=-88.
Add value labels JD_MMGPos -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGPos.

If Serial=10524 JD_MMGSN3=-88.
If Serial=11002 JD_MMGSN3=-88.
If Serial=11012 JD_MMGSN3=-88.
If Serial=12217 JD_MMGSN3=-88.
If Serial=12228 JD_MMGSN3=-88.
If Serial=12524 JD_MMGSN3=-88.
If Serial=12803 JD_MMGSN3=-88.
Add value labels JD_MMGSN3 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN3.


If Serial=10524 JD_MMGSD3=-88.
If Serial=11002 JD_MMGSD3=-88.
If Serial=11012 JD_MMGSD3=-88.
If Serial=12217 JD_MMGSD3=-88.
If Serial=12228 JD_MMGSD3=-88.
If Serial=12524 JD_MMGSD3=-88.
If Serial=12803 JD_MMGSD3=-88.
Add value labels JD_MMGSD3 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD3.

If Serial=10524 JD_MMGSN4=-88.
If Serial=11002 JD_MMGSN4=-88.
If Serial=11012 JD_MMGSN4=-88.
If Serial=12217 JD_MMGSN4=-88.
If Serial=12228 JD_MMGSN4=-88.
If Serial=12524 JD_MMGSN4=-88.
If Serial=12803 JD_MMGSN4=-88.
Add value labels JD_MMGSN4 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSN4.

If Serial=10524 JD_MMGSD4=-88.
If Serial=11002 JD_MMGSD4=-88.
If Serial=11012 JD_MMGSD4=-88.
If Serial=12217 JD_MMGSD4=-88.
```

```
If Serial=12228 JD_MMGSD4=-88.
If Serial=12524 JD_MMGSD4=-88.
If Serial=12803 JD_MMGSD4=-88.
Add value labels JD_MMGSD4 -88 'String file indicates suspected grip
impairment'.
Frequencies JD_MMGSD4.

If Serial=10524 JD_MMGPos2=-88.
If Serial=11002 JD_MMGPos2=-88.
If Serial=11012 JD_MMGPos2=-88.
If Serial=12217 JD_MMGPos2=-88.
If Serial=12228 JD_MMGPos2=-88.
If Serial=12524 JD_MMGPos2=-88.
If Serial=12803 JD_MMGPos2=-88.
Add value labels JD_MMGPos2 -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGPos2.


If Serial=10524 JD_MMGSRes=-88.
If Serial=11002 JD_MMGSRes=-88.
If Serial=11012 JD_MMGSRes=-88.
If Serial=12217 JD_MMGSRes=-88.
If Serial=12228 JD_MMGSRes=-88.
If Serial=12524 JD_MMGSRes=-88.
If Serial=12803 JD_MMGSRes=-88.
Add value labels JD_MMGSRes -88 'String file indicates suspected
grip impairment'.
Frequencies JD_MMGSRes.


IF Serial=10224 JD_DexSec=-88.
IF Serial=12803 JD_DexSec=-88.
Add value labels JD_DexSec -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexSec.


IF Serial=10224 JD_DexProb=-88.
IF Serial=12803 JD_DexProb=-88.
Add value labels JD_DexProb -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexProb.


IF Serial=10224 JD_DexTrem=-88.
IF Serial=12803 JD_DexTrem=-88.
Add value labels JD_DexTrem -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexTrem.


IF Serial=10224 JD_DexSec2=-88.
IF Serial=12803 JD_DexSec2=-88.
```

```
Add value labels JD_DexSec2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexSec2.


IF Serial=10224 JD_DexProb2=-88.
IF Serial=12803 JD_DexProb2=-88.
Add value labels JD_DexProb2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexProb2.


IF Serial=10224 JD_DexTrem2=-88.
IF Serial=12803 JD_DexTrem2=-88.
Add value labels JD_DexTrem2 -88 'String file indicates dexterity
impairment'.
Frequencies JD_DexTrem2.

IF Serial=10224 JD_MobRes=-88.
IF Serial=12313 JD_MobRes=-88.
IF Serial=12515 JD_MobRes=-88.
Add value labels JD_MobRes -88 'String file indicates inability to
use mobile'.
Frequencies JD_MobRes.

IF Serial=10224 JD_MobEasy=-88.
IF Serial=12313 JD_MobEasy=-88.
IF Serial=12515 JD_MobEasy=-88.
Add value labels JD_MobEasy -88 'String file indicates inability to
use mobile'.
Frequencies JD_MobEasy.

IF Serial=10224 JD_MobRes2=-88.
IF Serial=12313 JD_MobRes2=-88.
IF Serial=12515 JD_MobRes2=-88.
Add value labels JD_MobRes2 -88 'String file indicates inability to
use mobile'.
Frequencies JD_MobRes2.


IF Serial=10224 JD_MobEasy2=-88.
IF Serial=12313 JD_MobEasy2=-88.
IF Serial=12515 JD_MobEasy2=-88.
Add value labels JD_MobEasy2 -88 'String file indicates inability to
use mobile'.
Frequencies JD_MobEasy2.

If Serial=10628 RT_CfProM=-88.
If Serial=11008 RT_CfProM=-88.
If Serial=12817 RT_CfProM=-88.
Add value labels RT_CfProM -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfProM=-89.
Add value labels RT_CfProM -89 'String file indicates impairment
based on language'.
```

```
Frequencies RT_CfProM.


If Serial=10628 RT_CfTest=-88.
If Serial=11008 RT_CfTest=-88.
If Serial=12817 RT_CfTest=-88.
Add value labels RT_CfTest -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfTest=-89.
Add value labels RT_CfTest -89 'String file indicates impairment
based on language'.
Frequencies RT_CfTest.


If Serial=10628 RT_CfLis=-88.
If Serial=11008 RT_CfLis=-88.
If Serial=12817 RT_CfLis=-88.
Add value labels RT_CfLis -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLis=-89.
Add value labels RT_CfLis -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLis.

If Serial=10628 RT_CfLisSt=-88.
If Serial=11008 RT_CfLisSt=-88.
If Serial=12817 RT_CfLisSt=-88.
Add value labels RT_CfLisSt -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLisSt=-89.
Add value labels RT_CfLisSt -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLisSt.

If Serial=10628 RT_CfLisEn=-88.
If Serial=11008 RT_CfLisEn=-88.
If Serial=12817 RT_CfLisEn=-88.
Add value labels RT_CfLisEn -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLisEn=-89.
Add value labels RT_CfLisEn -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLisEn.

If Serial=10628 RT_CfMem=-88.
If Serial=11008 RT_CfMem=-88.
If Serial=12817 RT_CfMem=-88.
Add value labels RT_CfMem -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfMem=-89.
Add value labels RT_CfMem -89 'String file indicates impairment
based on language'.
Frequencies RT_CfMem.

If Serial=10628 RT_CfLet=-88.
```

```
If Serial=11008 RT_CfLet=-88.
If Serial=12817 RT_CfLet=-88.
Add value labels RT_CfLet -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLet=-89.
Add value labels RT_CfLet -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLet.

If Serial=10628 RT_CfLetEn2=-88.
If Serial=11008 RT_CfLetEn2=-88.
If Serial=12817 RT_CfLetEn2=-88.
Add value labels RT_CfLetEn2 -88 'String file indicates self-
reported impairment'.
If Serial=11109 RT_CfLetEn2=-89.
Add value labels RT_CfLetEn2 -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLetEn2.

If Serial=10628 RT_NRow=-88.
If Serial=11008 RT_NRow=-88.
If Serial=12817 RT_NRow=-88.
Add value labels RT_NRow -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_NRow=-89.
Add value labels RT_NRow -89 'String file indicates impairment based
on language'.
Frequencies RT_NRow.

If Serial=10628 RT_NClm=-88.
If Serial=11008 RT_NClm=-88.
If Serial=12817 RT_NClm=-88.
Add value labels RT_NClm -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_NClm=-89.
Add value labels RT_NClm -89 'String file indicates impairment based
on language'.
Frequencies RT_NClm.

If Serial=10628 RT_NCorrect=-88.
If Serial=11008 RT_NCorrect=-88.
If Serial=12817 RT_NCorrect=-88.
Add value labels RT_NCorrect -88 'String file indicates self-
reported impairment'.
If Serial=11109 RT_NCorrect=-89.
Add value labels RT_NCorrect -89 'String file indicates impairment
based on language'.
Frequencies RT_NCorrect.

If Serial=10628 RT_NMissed=-88.
If Serial=11008 RT_NMissed=-88.
If Serial=12817 RT_NMissed=-88.
Add value labels RT_NMissed -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_NMissed=-89.
```

```
Add value labels RT_NMissed -89 'String file indicates impairment
based on language'.
Frequencies RT_NMissed.

If Serial=10628 RT_CfMemS=-88.
If Serial=11008 RT_CfMemS=-88.
If Serial=12817 RT_CfMemS=-88.
Add value labels RT_CfMemS -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfMemS=-89.
Add value labels RT_CfMemS -89 'String file indicates impairment
based on language'.
Frequencies RT_CfMemS.

If Serial=10628 RT_CfLisD=-88.
If Serial=11008 RT_CfLisD=-88.
If Serial=12817 RT_CfLisD=-88.
Add value labels RT_CfLisD -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLisD=-89.
Add value labels RT_CfLisD -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLisD.

If Serial=10628 RT_CfLitSK=-88.
If Serial=11008 RT_CfLitSK=-88.
If Serial=12817 RT_CfLitSK=-88.
Add value labels RT_CfLitSK -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLitSK=-89.
Add value labels RT_CfLitSK -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLitSK.

If Serial=10628 RT_NMissed=-88.
If Serial=11008 RT_NMissed=-88.
If Serial=12817 RT_NMissed=-88.
Add value labels RT_NMissed -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_NMissed=-89.
Add value labels RT_NMissed -89 'String file indicates impairment
based on language'.
Frequencies RT_NMissed.

If Serial=10628 RT_CfLitB=-88.
If Serial=11008 RT_CfLitB=-88.
If Serial=12817 RT_CfLitB=-88.
Add value labels RT_CfLitB -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLitB=-89.
Add value labels RT_CfLitB -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLitB.

If Serial=10628 RT_CfLitC=-88.
```

```
If Serial=11008 RT_CfLitC=-88.
If Serial=12817 RT_CfLitC=-88.
Add value labels RT_CfLitC -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLitC=-89.
Add value labels RT_CfLitC -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLitC.

If Serial=10628 RT_CfLitE=-88.
If Serial=11008 RT_CfLitE=-88.
If Serial=12817 RT_CfLitE=-88.
Add value labels RT_CfLitE -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfLitE=-89.
Add value labels RT_CfLitE -89 'String file indicates impairment
based on language'.
Frequencies RT_CfLitE.

If Serial=10628 RT_CfSumA=-88.
If Serial=11008 RT_CfSumA=-88.
If Serial=12817 RT_CfSumA=-88.
Add value labels RT_CfSumA -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfSumA=-89.
Add value labels RT_CfSumA -89 'String file indicates impairment
based on language'.
Frequencies RT_CfSumA.

If Serial=10628 RT_CfSumB=-88.
If Serial=11008 RT_CfSumB=-88.
If Serial=12817 RT_CfSumB=-88.
Add value labels RT_CfSumB -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfSumB=-89.
Add value labels RT_CfSumB -89 'String file indicates impairment
based on language'.
Frequencies RT_CfSumB.

If Serial=10628 RT_CfSumC=-88.
If Serial=11008 RT_CfSumC=-88.
If Serial=12817 RT_CfSumC=-88.
Add value labels RT_CfSumC -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfSumC=-89.
Add value labels RT_CfSumC -89 'String file indicates impairment
based on language'.
Frequencies RT_CfSumC.

If Serial=10628 RT_CfSumD=-88.
If Serial=11008 RT_CfSumD=-88.
If Serial=12817 RT_CfSumD=-88.
Add value labels RT_CfSumD -88 'String file indicates self-reported
impairment'.
If Serial=11109 RT_CfSumD=-89.
```

```
Add value labels RT_CfSumD -89 'String file indicates impairment
based on language'.
Frequencies RT_CfSumD.

***JL_Hears missing var corr

If value(RT_NHHighV1)=-34 JL_Hears=-34.
If value(RT_NHHighV1)=-8 JL_Hears=-8.
Add value labels JL_Hears
-34 'Not asked: no consent , equipment failure or other reason'
-8 'Missing: Don't Know'.
Frequencies JL_Hears.

***JL_Hears_WNoise

If value(RT_NoiseHV1)=-34 JL_Hears_WNoise=-34.
If value(RT_NoiseHV1)=-8 JL_Hears_WNoise=-8.
Add value labels JL_Hears_WNoise
-34 'Not asked: no consent , equipment failure or other reason'
-8 'Missing: Don't Know'.
Frequencies JL_Hears_WNoise.

***JR_GSNCAv 22 missing corr

If value(JD_MMGSN1)=-500 JR_GSNCAv=-500.
If value(JD_MMGSN1)=-504 JR_GSNCAv=-504.
If value(JD_MMGSN1)=-505 JR_GSNCAv=-505.
If value(JD_MMGSN1)=-506 JR_GSNCAv=-506.
If value(JD_MMGSN1)=-507 JR_GSNCAv=-507.
If value(JD_MMGSN1)=-508 JR_GSNCAv=-508.
If value(JD_MMGSN1)=-20 JR_GSNCAv=-20.
If value(JD_MMGSN1)=-88 JR_GSNCAv=-88.
Add value labels JR_GSNCAv
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSNCAv.

***JR_GSNCDF 22 missing corr

If value(JD_MMGSN1)=-500 JR_GSNCDF=-500.
If value(JD_MMGSN1)=-504 JR_GSNCDF=-504.
If value(JD_MMGSN1)=-505 JR_GSNCDF=-505.
If value(JD_MMGSN1)=-506 JR_GSNCDF=-506.
If value(JD_MMGSN1)=-507 JR_GSNCDF=-507.
If value(JD_MMGSN1)=-508 JR_GSNCDF=-508.
If value(JD_MMGSN1)=-20 JR_GSNCDF=-20.
If value(JD_MMGSN1)=-88 JR_GSNCDF=-88.
Add value labels JR_GSNCDF
```

```
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSNCDF.

***JR_GSDCAv 22 missing corr

If value(JD_MMGSD1)=-500 JR_GSDCAv=-500.
If value(JD_MMGSD1)=-504 JR_GSDCAv=-504.
If value(JD_MMGSD1)=-505 JR_GSDCAv=-505.
If value(JD_MMGSD1)=-506 JR_GSDCAv=-506.
If value(JD_MMGSD1)=-507 JR_GSDCAv=-507.
If value(JD_MMGSD1)=-508 JR_GSDCAv=-508.
If value(JD_MMGSD1)=-20 JR_GSDCAv=-20.
If value(JD_MMGSD1)=-88 JR_GSDCAv=-88.
Add value labels JR_GSDCAv
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSDCAv.


***JR_GSDCDF 22 missing corr

If value(JD_MMGSD1)=-500 JR_GSDCDF=-500.
If value(JD_MMGSD1)=-504 JR_GSDCDF=-504.
If value(JD_MMGSD1)=-505 JR_GSDCDF=-505.
If value(JD_MMGSD1)=-506 JR_GSDCDF=-506.
If value(JD_MMGSD1)=-507 JR_GSDCDF=-507.
If value(JD_MMGSD1)=-508 JR_GSDCDF=-508.
If value(JD_MMGSD1)=-20 JR_GSDCDF=-20.
If value(JD_MMGSD1)=-88 JR_GSDCDF=-88.
Add value labels JR_GSDCDF
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSDCDF.
```

```
***JR_GSNTAv 22 missing corr

If value(JD_MMGSN3)=-500 JR_GSNTAv=-500.
If value(JD_MMGSN3)=-504 JR_GSNTAv=-504.
If value(JD_MMGSN3)=-505 JR_GSNTAv=-505.
If value(JD_MMGSN3)=-506 JR_GSNTAv=-506.
If value(JD_MMGSN3)=-507 JR_GSNTAv=-507.
If value(JD_MMGSN3)=-508 JR_GSNTAv=-508.
If value(JD_MMGSN3)=-20 JR_GSNTAv=-20.
If value(JD_MMGSN3)=-88 JR_GSNTAv=-88.
Add value labels JR_GSNTAv
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSNTAv.

***JR_GSNTDF 22 missing corr

If value(JD_MMGSn3)=-500 JR_GSNTDF=-500.
If value(JD_MMGSn3)=-504 JR_GSNTDF=-504.
If value(JD_MMGSn3)=-505 JR_GSNTDF=-505.
If value(JD_MMGSn3)=-506 JR_GSNTDF=-506.
If value(JD_MMGSn3)=-507 JR_GSNTDF=-507.
If value(JD_MMGSn3)=-508 JR_GSNTDF=-508.
If value(JD_MMGSn3)=-20 JR_GSNTDF=-20.
If value(JD_MMGSn3)=-88 JR_GSNTDF=-88.
Add value labels JR_GSNTDF
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSNTDF.


***JR_GSDTAv 22 missing corr

If value(JD_MMGSD3)=-500 JR_GSDTAv=-500.
If value(JD_MMGSD3)=-504 JR_GSDTAv=-504.
If value(JD_MMGSD3)=-505 JR_GSDTAv=-505.
If value(JD_MMGSD3)=-506 JR_GSDTAv=-506.
If value(JD_MMGSD3)=-507 JR_GSDTAv=-507.
If value(JD_MMGSD3)=-508 JR_GSDTAv=-508.
```

```
If value(JD_MMGSD3)=-20 JR_GSDTAv=-20.
If value(JD_MMGSD3)=-88 JR_GSDTAv=-88.
Add value labels JR_GSDTAv
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSDTAv.

***JR_GSDTDF 22 missing corr

If value(JD_MMGSD3)=-500 JR_GSDTDF=-500.
If value(JD_MMGSD3)=-504 JR_GSDTDF=-504.
If value(JD_MMGSD3)=-505 JR_GSDTDF=-505.
If value(JD_MMGSD3)=-506 JR_GSDTDF=-506.
If value(JD_MMGSD3)=-507 JR_GSDTDF=-507.
If value(JD_MMGSD3)=-508 JR_GSDTDF=-508.
If value(JD_MMGSD3)=-20 JR_GSDTDF=-20.
If value(JD_MMGSD3)=-88 JR_GSDTDF=-88.
Add value labels JR_GSDTDF
-500 'Not asked: No consent'
-504 'Not asked: Participant is pregnant'
-505 'Not asked: Unable to take measurement (for reasons other than
refusal)'
-506 'Not asked: Participant is unable to use either hand'
-507 'Not asked: Participant is unable to use non-dominant hand'
-508 'Not asked: Participant is unable to use dominant hand'
-20 'partially productive missing'
-88 'String file indicates suspected grip impairment'.
Frequencies JR_GSDTDF.


***JL_xnumscan

If value(RT_NRow)=-85 JL_xnumscan=-85.
If value(RT_NRow)=-86 JL_xnumscan=-86.
If value(RT_NRow)=-1 JL_xnumscan=-1.
If value(RT_NRow)=-20 JL_xnumscan=-20.
Add value labels JL_xnumscan
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'
-1 'not applicable, includes refusals and dont knows'
-20 'partially productive missing'.

If Serial=10628 JL_xnumscan=-88.
If Serial=11008 JL_xnumscan=-88.
If Serial=12817 JL_xnumscan=-88.
Add value labels JL_xnumscan -88 'String file indicates self-
reported impairment'.
```

```
If Serial=11109 JL_xnumscan=-89.
Add value labels JL_xnumscan -89 'String file indicates impairment
based on language'.
Frequencies JL_xnumscan.


***KR_SearchEfficiency
If value(RT_NRow)=-85 KR_SearchEfficiency=-85.
If value(RT_NRow)=-86 KR_SearchEfficiency=-86.
If value(RT_NRow)=-1 KR_SearchEfficiency=-1.
If value(RT_NRow)=-20 KR_SearchEfficiency=-20.
Add value labels KR_SearchEfficiency
-85 'Not asked: no consent or test not performed for other reason'
-86 'respondent didnt understand the task or unable to perform the
task'
-1 'not applicable, includes refusals and dont knows'
-20 'partially productive missing'.
If Serial=10628 KR_SearchEfficiency=-88.
If Serial=11008 KR_SearchEfficiency=-88.
If Serial=12817 KR_SearchEfficiency=-88.
Add value labels KR_SearchEfficiency -88 'String file indicates
self-reported impairment'.
If Serial=11109 KR_SearchEfficiency=-89.
Add value labels KR_SearchEfficiency -89 'String file indicates
impairment based on language'.
Frequencies KR_SearchEfficiency.


***JL_prosSuccess

If value(RT_CfMem)=-88 JL_prosSuccess=-88.
If value(RT_CfMem)=-25 JL_prosSuccess=-25.
If value(RT_CfMem)=-20 JL_prosSuccess=-20.
Add value labels JL_prosSuccess
-88 'test not performed: string file indicate do not feel up to it'
-25 'Not asked: no consent or test not performed for other reason'
-20 'partially productive missing'.
If Serial=11109  JL_prosSuccess=-89.
Add value labels  JL_prosSuccess -89 'String file indicates
impairment based on language'.

Frequencies JL_prosSuccess.


***JL_litscore

If value(RT_CfLitB)=-25 JL_litscore=-25.
If value(RT_CfLitB)=-26 JL_litscore=-26.
If value(RT_CfLitB)=-20 JL_litscore=-20.
If value(RT_CfLitB)=-88 JL_litscore=-88.
Add value labels JL_litscore
-25 'Not asked: no consent'
-26 'Respondent unable to do test due to sight/health/other
problems'
-88 'String file indicates suspected reading impairment'
```

```
-20 'partially productive missing'.
If Serial=11109 JL_litscore=-89.
Add value labels JL_litscore -89 'String file indicates impairment
based on language'.

Frequencies JL_litscore.

***JL_numscore

If value(RT_CfSumA)=-25 JL_numscore=-25.
If value(RT_CfSumA)=-20 JL_numscore=-20.
Add value labels JL_numscore
-25 'Not asked: no consent or test not performed for other reason'
-20 'partially productive missing'.
If Serial=10628 JL_numscore=-88.
If Serial=11008 JL_numscore=-88.
If Serial=12817 JL_numscore=-88.
Add value labels JL_numscore -88 'String file indicates self-
reported impairment'.
If Serial=11109 JL_numscore=-89.
Add value labels JL_numscore -89 'String file indicates impairment
based on language'.


Frequencies JL_numscore.


***JR_xweight

If value(WeightM)=-8 JR_xweight=-8.
If value(WeightM)=-9 JR_xweight=-9.
If value(RT_WeightS)=-8 JR_xweight=-8.
If value(RT_WeightP)=-8 JR_xweight=-8.
If value(WeightM)=-20 JR_xweight=-20.
Add value labels JR_xweight
-8 'Missing: Dont know'
-9 'Missing: Refusal'
-20 'partially productive missing'.
Frequencies JR_xweight.



***JR_xheight

If value(HeightM)=-8 JR_xheight=-8.
If value(HeightM)=-20 JR_xheight=-20.
Add value labels JR_xheight
-8 'Missing: dont know'
-20 'partially productive missing'.
Frequencies JR_xheight.

******************************************
**********************************************
***************************************************
/*end of Kai actions
```

```
/***************set variable type and number of decimal places for
new variables

Format
SW_AgeCategory10 JD_RespSex
JD_NVHighComfBestD JD_NVHighComfBest_Error
 JD_NVHighThresBestD JD_NVLowComfBestD JD_NVLowComfBest_Error
     JD_DVComfBest_Error
JD_HearAid JD_HAidFreq JL_Hears JL_Hears_WNoise
JL_xnumscan
JL_prosSuccess
JL_litscore
JL_numscore
JD_Pref_LowPrice JD_Pref_Appearance JD_Pref_Durability
JD_Pref_EnvImpact
    JD_Pref_EaseUse JD_Pref_Quality JD_Pref_RangeFns
JD_AgeCategory
SW_Age50
KR_AgeByGroup
JL_NHHighV1V2 JL_NHLowV1V2 JL_NHMedV1V2 JL_NoiseLV1V2 JL_NoiseMV1V2
    JL_NoiseHV1V2 JL_High_06 JL_Med_06 JL_Low_06 JL_Noise_Low_06
JL_Noise_Med_06 JL_Noise_High_06
(f2.0).

VARIABLE LEVEL
SW_AgeCategory10 JD_RespSex
JD_NVHighComfBestD JD_NVHighComfBest_Error
 JD_NVHighThresBestD JD_NVLowComfBestD JD_NVLowComfBest_Error
     JD_DVComfBest_Error
JD_HearAid JD_HAidFreq JL_Hears JL_Hears_WNoise
JL_xnumscan
JL_prosSuccess
JL_litscore
JL_numscore
JD_Pref_LowPrice JD_Pref_Appearance JD_Pref_Durability
JD_Pref_EnvImpact
    JD_Pref_EaseUse JD_Pref_Quality JD_Pref_RangeFns
JD_AgeCategory
SW_Age50
KR_AgeByGroup
JL_NHHighV1V2 JL_NHLowV1V2 JL_NHMedV1V2 JL_NoiseLV1V2 JL_NoiseMV1V2
    JL_NoiseHV1V2 JL_High_06 JL_Med_06 JL_Low_06 JL_Noise_Low_06
JL_Noise_Med_06 JL_Noise_High_06
 (NOMINAL).


/* Distance vision Comfort General setup: Was comfort row read
correctly.
COMPUTE JD_DVComfGen_Error = value(SW_DVError).
IF (JD_DVComfAid > 0) JD_DVComfGen_Error = SW_DGError.
VARIABLE LABELS  JD_DVComfGen_Error
```

```
   'Distance Vision Comfort General setup (aid if they did the
distance aid test, majority setup if they did not): Was comfort row
read correctly?'.
ADD VALUE LABELS JD_DVComfGen_Error
-201 'Not asked: Not enough space for distance test'
-202 'Not asked: Refused distance vision test'
-203 'Not asked: Unable to measure distance vision for another
reason'
-204 'Not asked: Did not even try to read largest row on comfort
test'
-20 'Partially productive missing'
-99 'Missing: Other reason'
1 'Correct: Respondent made one error, or no errors'
2 'Incorrect: Respondent made 2 or more errors'.
EXECUTE.

MISSING VALUES JD_DVComfGen_Error (lo thru -1).

FREQUENCIES VARIABLES= JD_DVComfGen_Error
   /ORDER=ANALYSIS.



ADD VALUE LABELS outcome
110 'productive interview'
210  'partially productive interview'.
```